

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072036.D
 Acq On : 18 Apr 2022 16:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 19 01:19:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.651	128	77587	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	426750	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	446206	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	156071	28.551	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.167%
60) 4-Bromofluorobenzene	12.727	95	182824	27.633	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.100%
63) Toluene-d8	10.433	98	565855	27.936	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	98726	20.443	ug/l	100
3) Chloromethane	2.293	50	108045	18.983	ug/l	95
4) Vinyl Chloride	2.440	62	107429	16.458	ug/l	99
5) Bromomethane	2.804	94	31005	8.061	ug/l	97
6) Chloroethane	2.940	64	71898	17.201	ug/l	96
8) Diethyl Ether	3.816	74	60588	18.947	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.187	101	89205	19.572	ug/l #	64
10) 1,1-Dichloroethene	4.157	96	83363	18.546	ug/l	96
11) Methyl Iodide	4.404	142	118640	18.012	ug/l	87
12) Methyl Acetate	4.845	43	120835	19.075	ug/l	92
13) Acrolein	4.034	56	45990	68.241	ug/l	98
14) Acrylonitrile	5.540	53	278679	97.133	ug/l	97
15) Acetone	4.281	58	68156	82.547	ug/l	78
16) Carbon Disulfide	4.510	76	208147	17.785	ug/l	96
17) Allyl chloride	4.822	41	123703	16.967	ug/l	79
18) Methylene Chloride	5.075	84	112529	20.868	ug/l #	92
19) trans-1,2-Dichloroethene	5.581	96	92304	19.199	ug/l	97
20) Diisopropyl ether	6.487	45	280400	18.381	ug/l	91
21) 1,1-Dichloroethane	6.375	63	173149	18.800	ug/l	97
22) cis-1,2-Dichloroethene	7.316	96	113320	19.401	ug/l	92
23) tert-Butyl Alcohol	5.387	59	29217	28.539	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	295643	18.224	ug/l #	87
25) Chloroform	7.810	83	178237	19.242	ug/l	99
26) Cyclohexane	8.086	56	145553	18.284	ug/l #	95
29) 1,1-Dichloropropene	8.216	75	127082	18.398	ug/l	99
30) 2-Butanone	7.328	43	337795	87.855	ug/l	95
31) 2,2-Dichloropropane	7.316	77	137820	17.515	ug/l	97
32) 1,1,1-Trichloroethane	8.004	97	149460	18.578	ug/l	99
33) Carbon Tetrachloride	8.198	117	125796	18.472	ug/l	98
34) Benzene	8.451	78	424600	19.785	ug/l	96
35) Methacrylonitrile	7.628	41	65187	17.671	ug/l	93
36) 1,2-Dichloroethane	8.522	62	135285	18.070	ug/l #	94
37) Trichloroethene	9.210	130	107646	19.440	ug/l	100
38) Methylcyclohexane	9.451	83	156543	17.980	ug/l	97
39) 1,2-Dichloropropane	9.486	63	104884	19.534	ug/l	100
40) Dibromomethane	9.569	93	71989	19.808	ug/l	85
41) Bromodichloromethane	9.757	83	136398	18.755	ug/l	96
42) Vinyl Acetate	6.422	43	1153705	87.572	ug/l #	94
43) Ethyl Acetate	7.404	43	135677	18.198	ug/l	97

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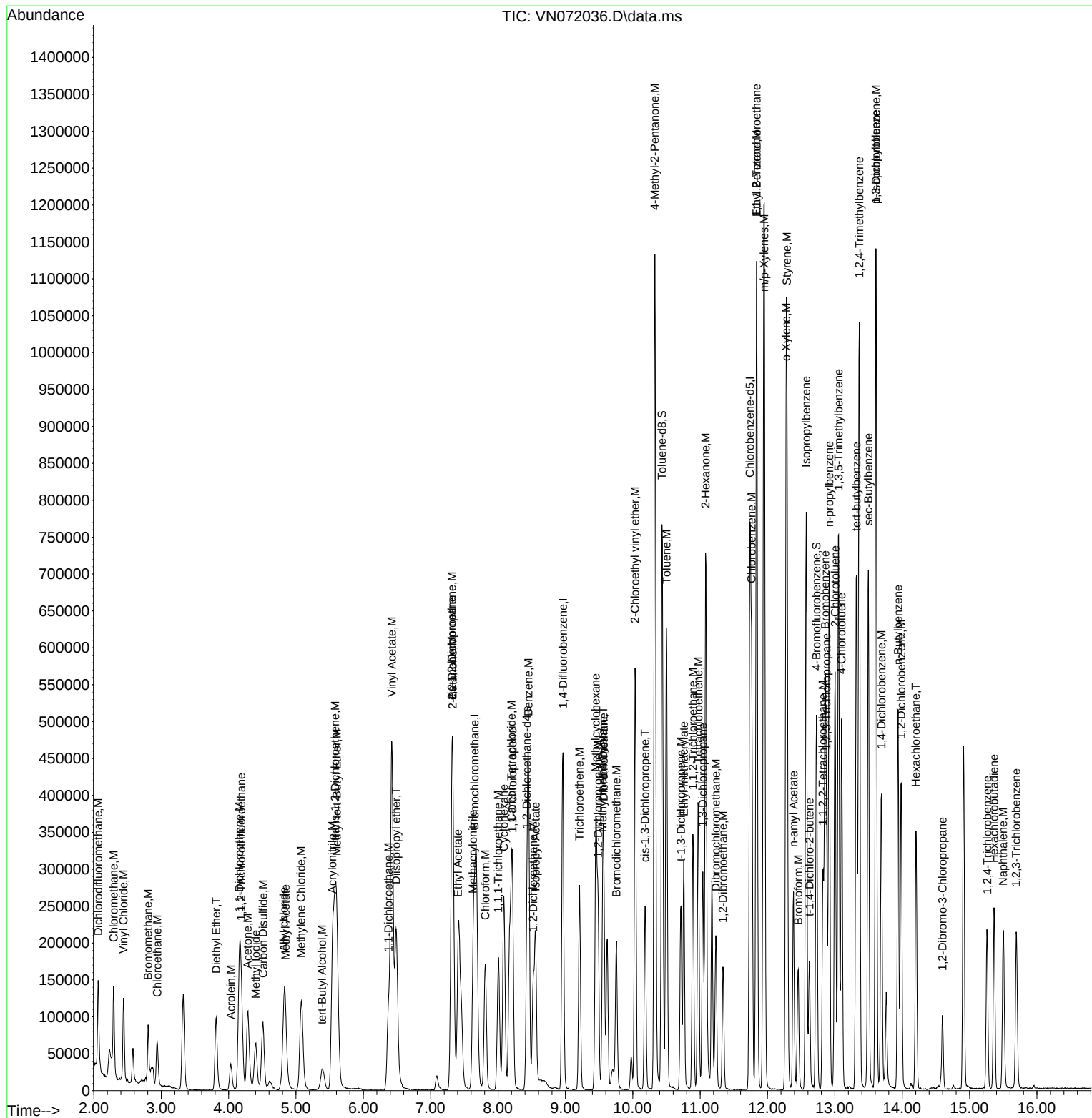
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.557	43	213580	17.861	ug/l	90
45) 1,4-Dioxane	9.563	88	24447	202.631	ug/l	91
46) Methyl methacrylate	9.551	41	94606	18.041	ug/l	77
47) n-amyl Acetate	12.386	43	135393	16.967	ug/l #	88
48) t-1,3-Dichloropropene	10.716	75	153208	19.382	ug/l	98
49) cis-1,3-Dichloropropene	10.180	75	163485	18.913	ug/l #	83
50) 1,1,2-Trichloroethane	10.892	97	118511	21.813	ug/l	99
51) Ethyl methacrylate	10.757	69	175810	20.958	ug/l	78
52) 1,3-Dichloropropane	11.039	76	194075	20.917	ug/l	99
53) Dibromochloromethane	11.233	129	118640	21.095	ug/l	98
54) 1,2-Dibromoethane	11.339	107	118723	21.243	ug/l	95
55) 2-Chloroethyl vinyl ether	10.033	63	262226	116.020	ug/l	97
56) Bromoform	12.457	173	83490	19.254	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	730313	86.220	ug/l #	89
59) 2-Hexanone	11.080	43	483175	78.130	ug/l #	87
61) Tetrachloroethene	10.974	164	100153	18.442	ug/l	90
62) Toluene	10.498	91	508010	18.776	ug/l	98
64) Chlorobenzene	11.763	112	322342	19.315	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	112507	18.376	ug/l	98
66) Ethyl Benzene	11.839	91	548743	18.663	ug/l	94
67) m/p-Xylenes	11.951	106	441150	38.568	ug/l	95
68) o-Xylene	12.274	106	214369	18.856	ug/l	94
69) Styrene	12.286	104	326373	18.241	ug/l	97
70) Isopropylbenzene	12.574	105	536371	18.797	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	157384	16.947	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	182363	22.857	ug/l	58
73) Bromobenzene	12.857	156	123740	17.776	ug/l	91
74) n-propylbenzene	12.916	91	563833	18.105	ug/l	97
75) 2-Chlorotoluene	13.004	91	351952	18.084	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	443761	19.385	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	41276	14.734	ug/l	87
78) 4-Chlorotoluene	13.098	91	318568	17.527	ug/l	99
79) tert-butylbenzene	13.321	119	374860	18.146	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	430382	19.376	ug/l #	80
81) sec-Butylbenzene	13.498	105	500198	18.021	ug/l	97
82) p-Isopropyltoluene	13.610	119	415648	18.431	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	197811	17.366	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	186301	17.136	ug/l	97
85) n-Butylbenzene	13.939	91	291071	17.376	ug/l	95
86) Hexachloroethane	14.204	117	67147	15.944	ug/l	79
87) 1,2-Dichlorobenzene	13.986	146	199147	18.084	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	25275	15.296	ug/l #	78
89) 1,2,4-Trichlorobenzene	15.262	180	82605	16.228	ug/l	96
90) Hexachlorobutadiene	15.362	225	55399	18.366	ug/l	98
91) Naphthalene	15.498	128	223445	18.275	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	86079	17.242	ug/l	97

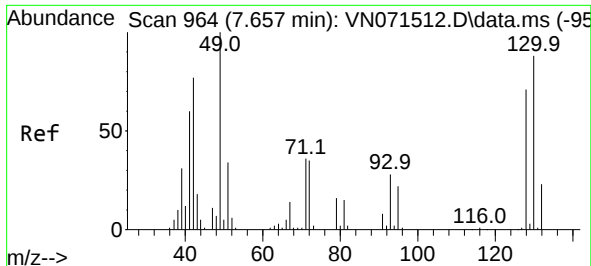
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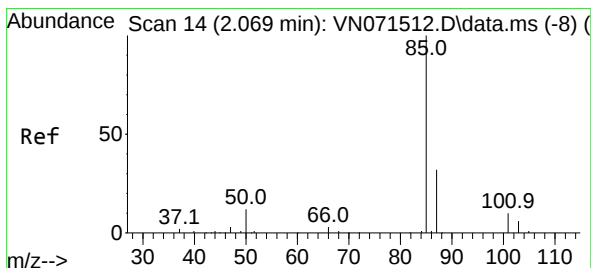
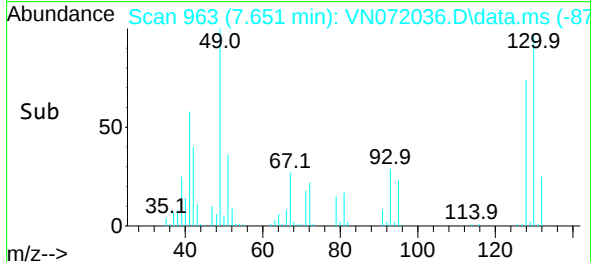
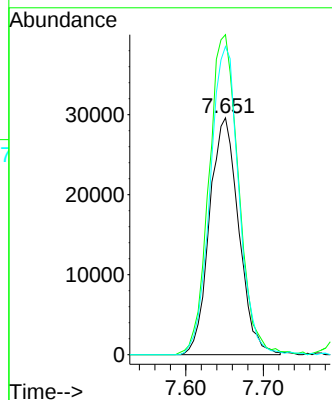
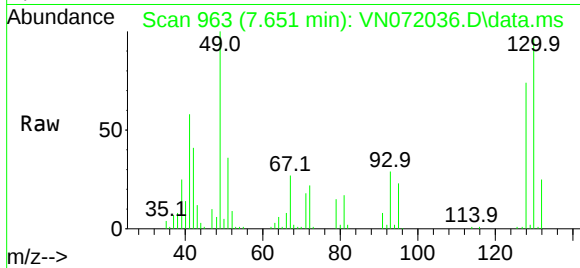




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN072036.D
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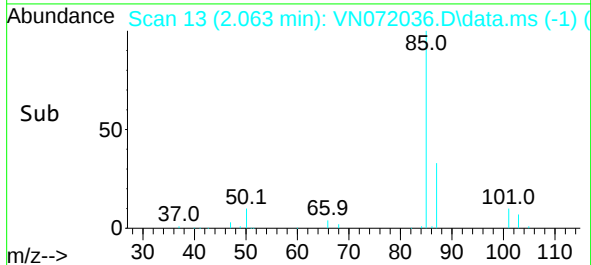
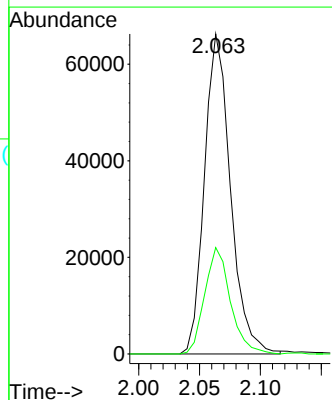
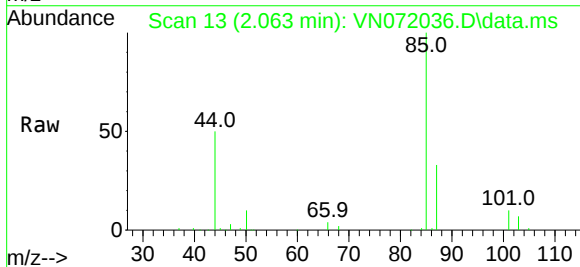
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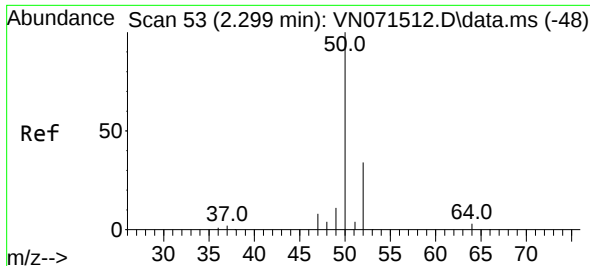
Tgt Ion:128 Resp: 77587
Ion Ratio Lower Upper
128 100
49 136.3 0.0 392.3
130 127.8 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 20.443 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 85 Resp: 98726
Ion Ratio Lower Upper
85 100
87 33.3 16.6 49.7

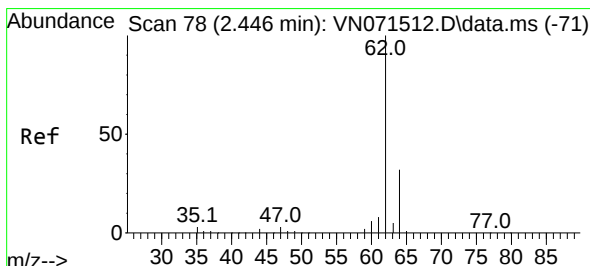
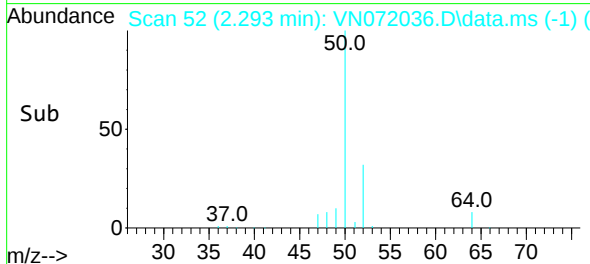
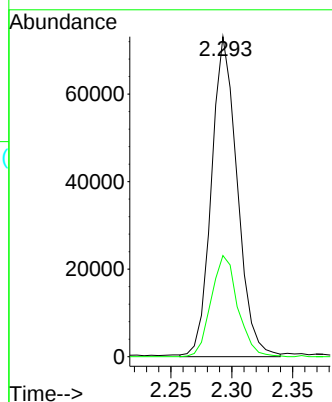
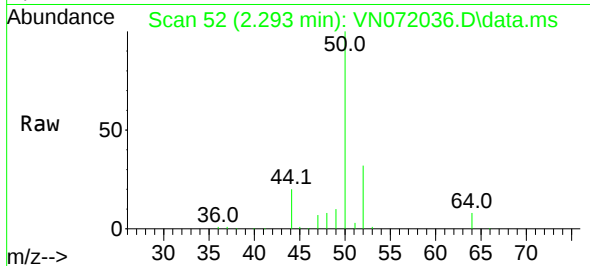




#3
Chloromethane
Concen: 18.983 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

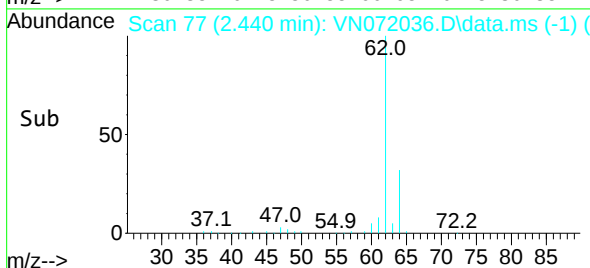
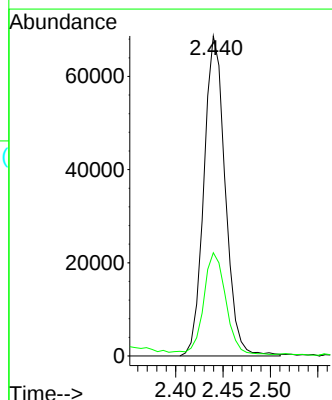
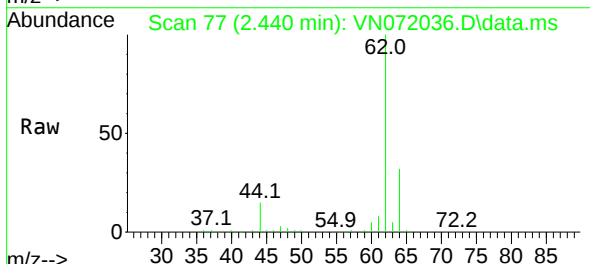
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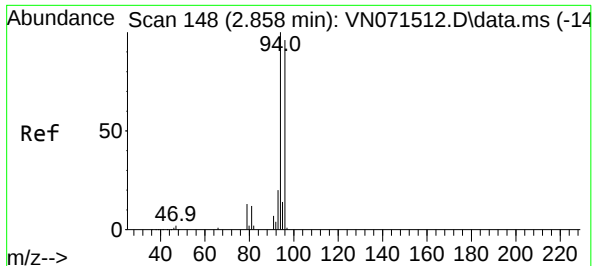
Tgt Ion: 50 Resp: 108045
Ion Ratio Lower Upper
50 100
52 31.8 27.8 41.6



#4
Vinyl Chloride
Concen: 16.458 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 62 Resp: 107429
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7

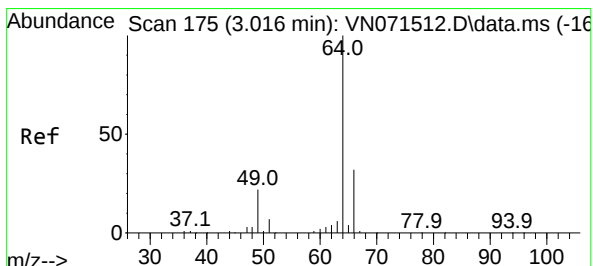
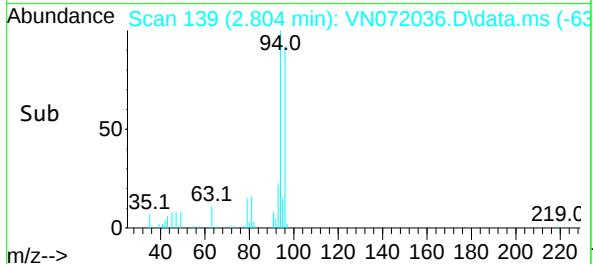
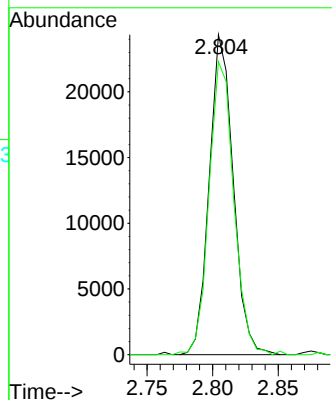
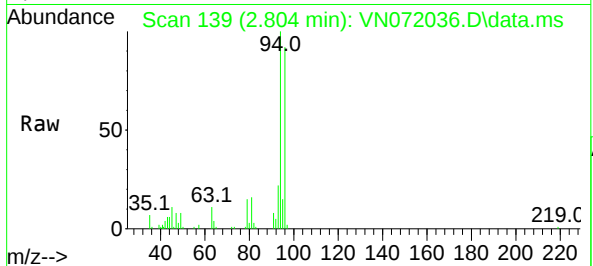




#5
Bromomethane
Concen: 8.061 ug/l
RT: 2.804 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

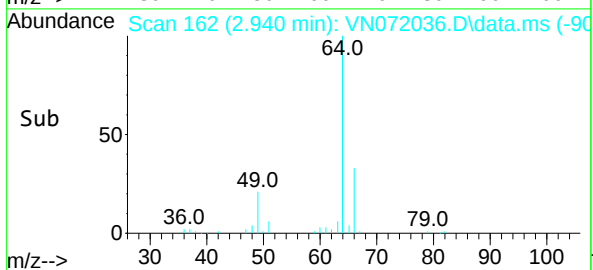
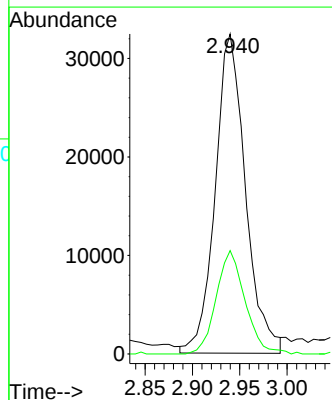
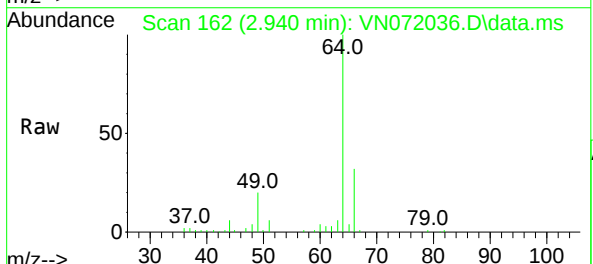
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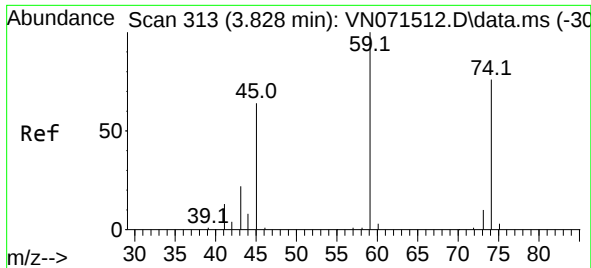
Tgt Ion: 94 Resp: 31005
Ion Ratio Lower Upper
94 100
96 90.7 75.2 112.8



#6
Chloroethane
Concen: 17.201 ug/l
RT: 2.940 min Scan# 162
Delta R.T. -0.077 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 64 Resp: 71898
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8





#8

Diethyl Ether

Concen: 18.947 ug/l

RT: 3.816 min Scan# 311

Delta R.T. -0.012 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

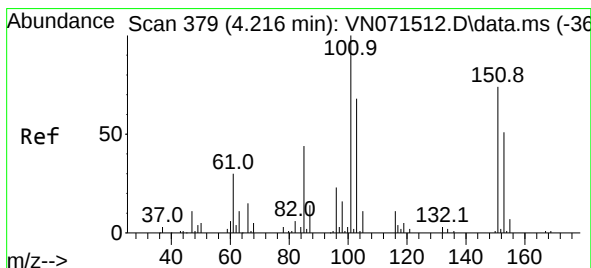
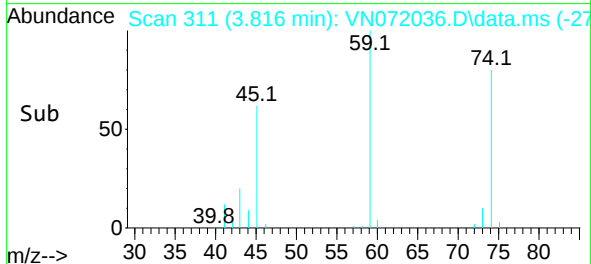
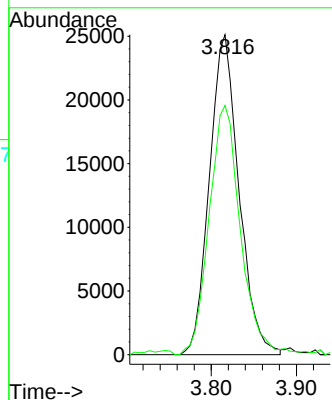
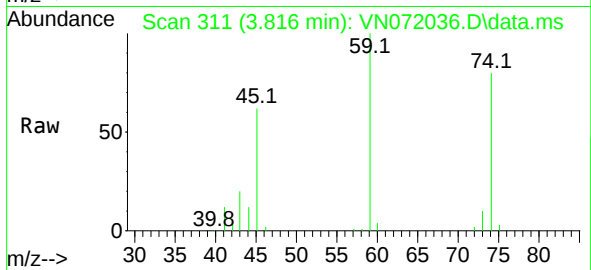
VSTDCCC020EC

Tgt Ion: 74 Resp: 60588

Ion Ratio Lower Upper

74 100

45 81.4 17.6 158.8



#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.572 ug/l

RT: 4.187 min Scan# 374

Delta R.T. -0.030 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

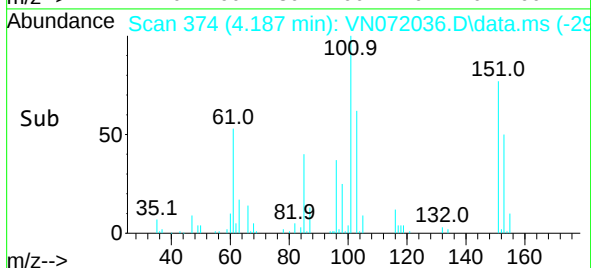
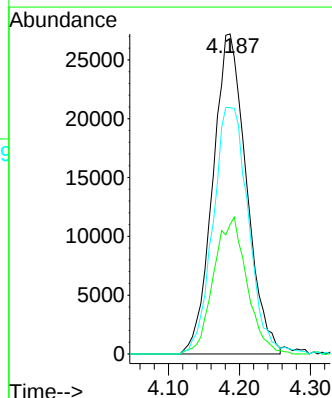
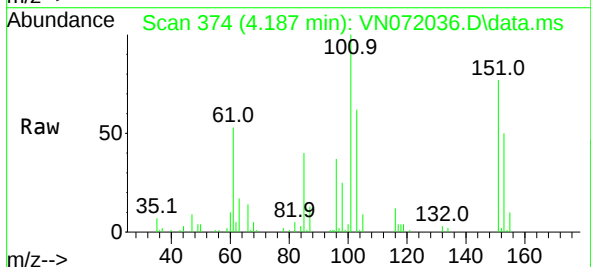
Tgt Ion: 101 Resp: 89205

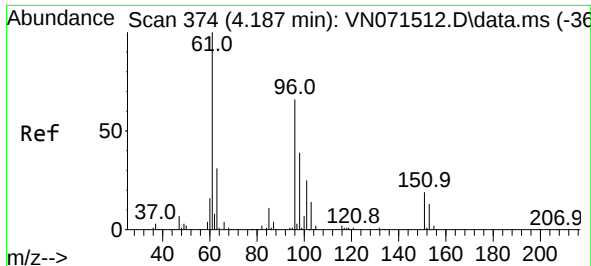
Ion Ratio Lower Upper

101 100

85 42.4 0.0 94.0

151 80.6 0.0 74.6#

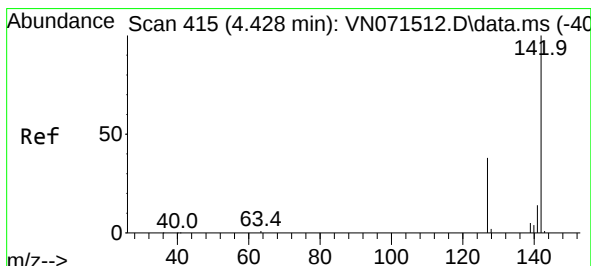
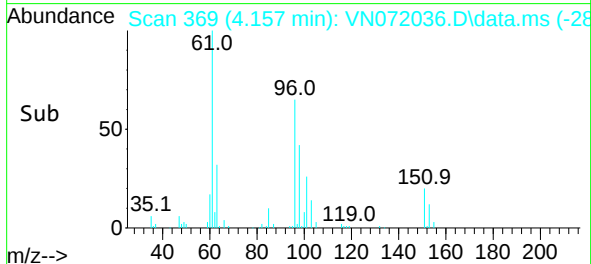
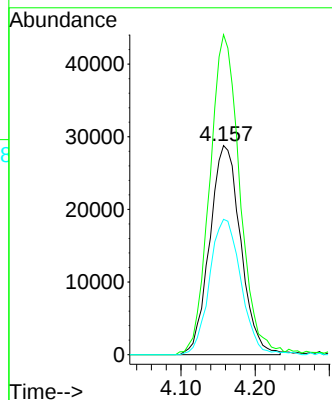
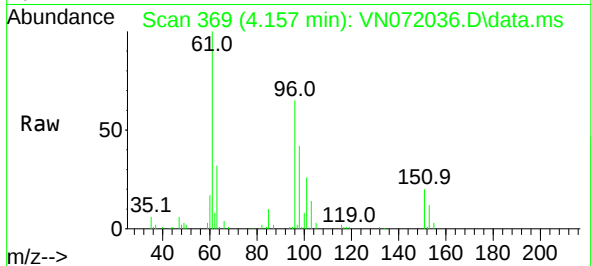




#10
1,1-Dichloroethene
Concen: 18.546 ug/l
RT: 4.157 min Scan# 30
Delta R.T. -0.030 min
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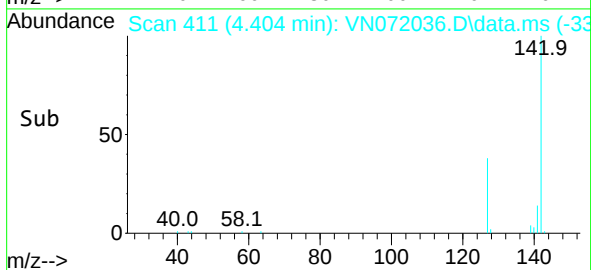
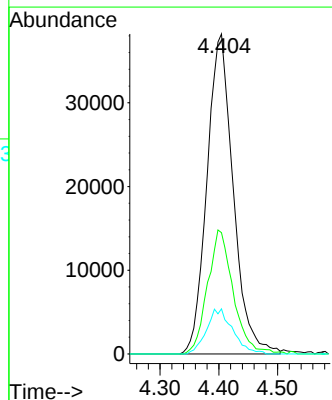
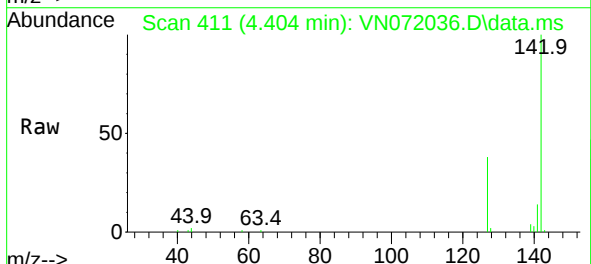
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ClientSampleId :
VSTDCCC020EC

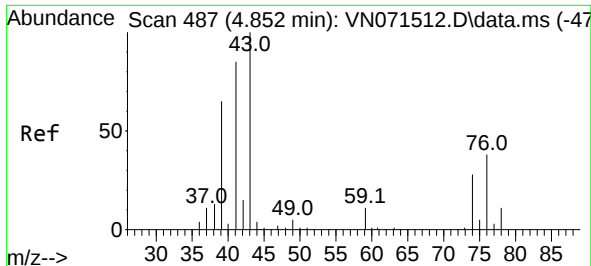
Tgt Ion: 96 Resp: 83363
Ion Ratio Lower Upper
96 100
61 151.7 126.2 189.4
98 64.7 50.9 76.3



#11
Methyl Iodide
Concen: 18.012 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.024 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 142 Resp: 118640
Ion Ratio Lower Upper
142 100
127 37.7 24.0 72.0
141 14.2 8.4 25.2

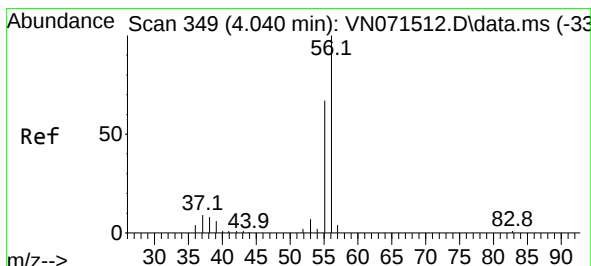
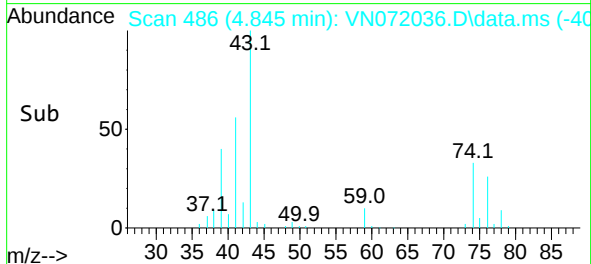
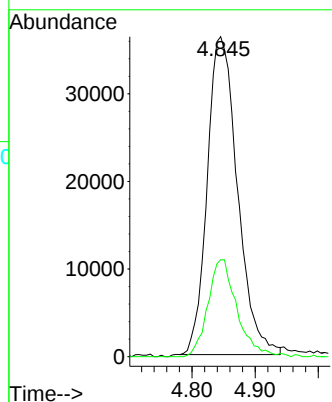
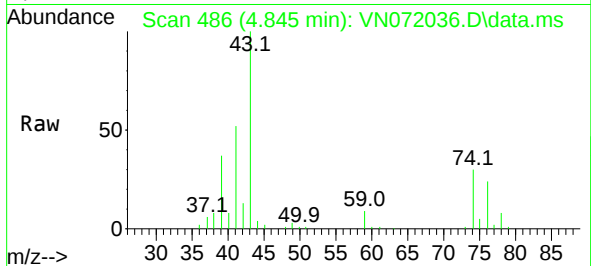




#12
Methyl Acetate
Concen: 19.075 ug/l
RT: 4.845 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

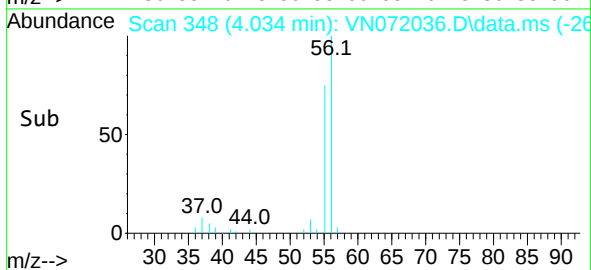
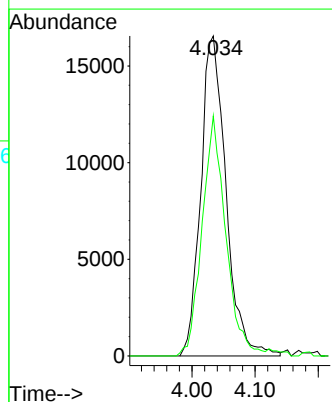
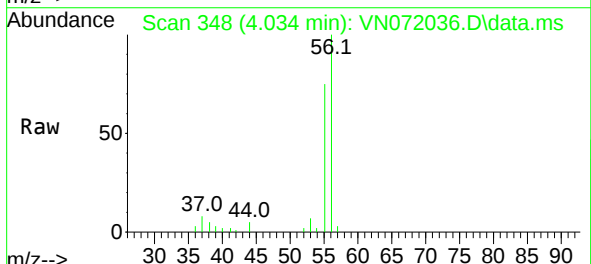
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

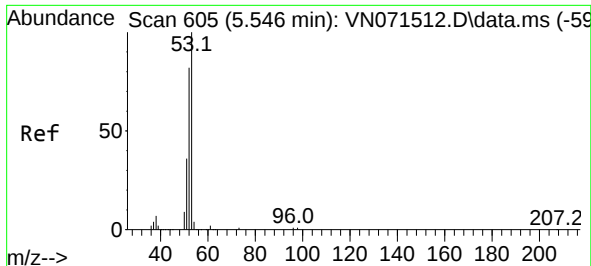
Tgt Ion: 43 Resp: 120835
Ion Ratio Lower Upper
43 100
74 30.3 20.8 31.2



#13
Acrolein
Concen: 68.241 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 56 Resp: 45990
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

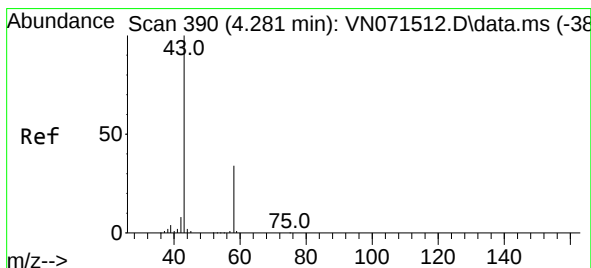
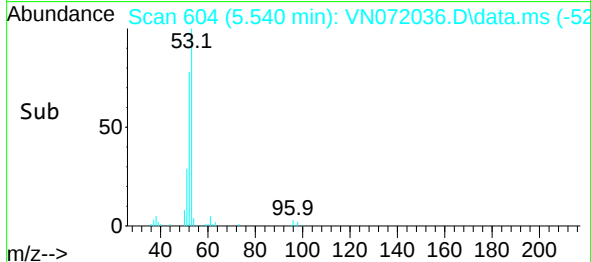
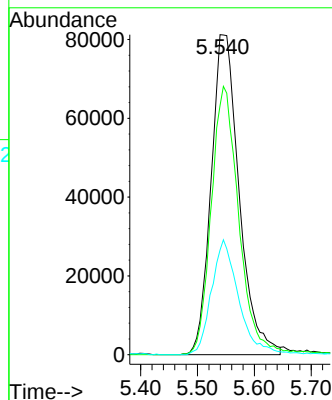
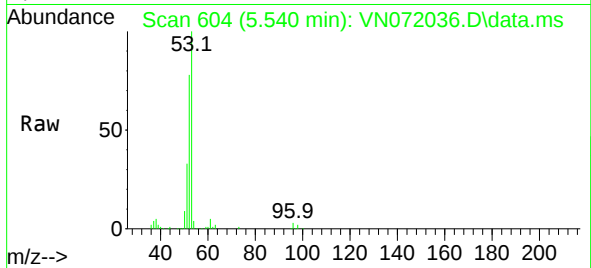




#14
Acrylonitrile
Concen: 97.133 ug/l
RT: 5.540 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

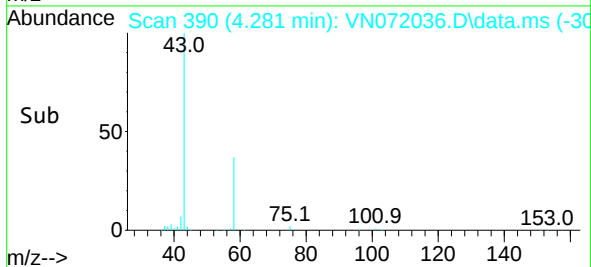
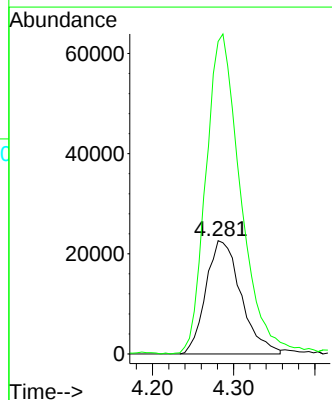
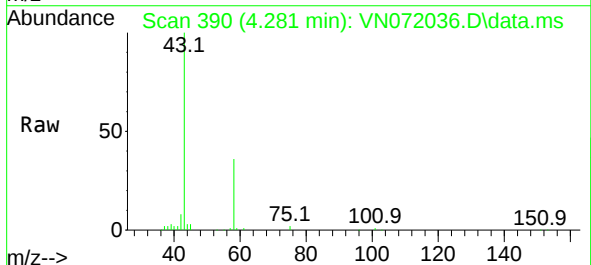
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

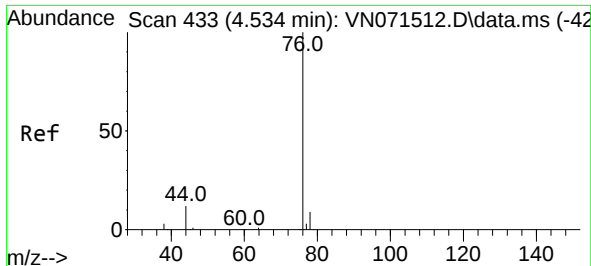
Tgt Ion: 53 Resp: 278679
Ion Ratio Lower Upper
53 100
52 82.3 41.8 125.4
51 34.8 19.0 57.0



#15
Acetone
Concen: 82.547 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 58 Resp: 68156
Ion Ratio Lower Upper
58 100
43 274.8 256.6 384.8

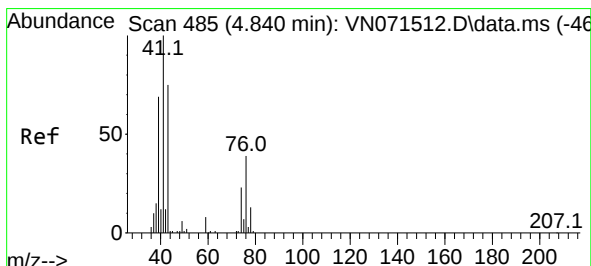
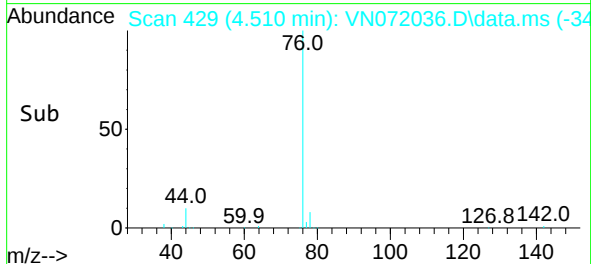
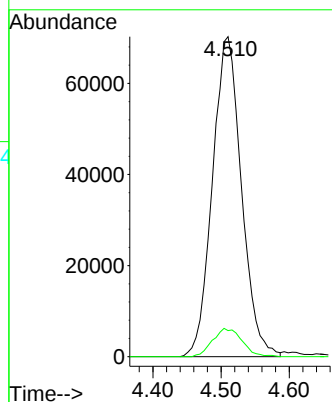
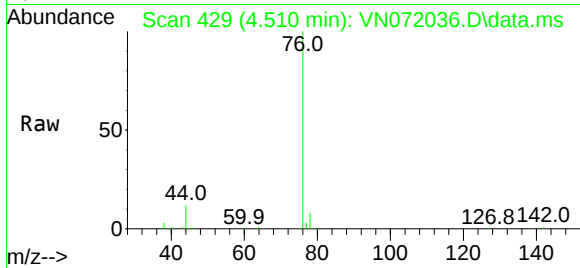




#16
Carbon Disulfide
Concen: 17.785 ug/l
RT: 4.510 min Scan# 41
Delta R.T. -0.024 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

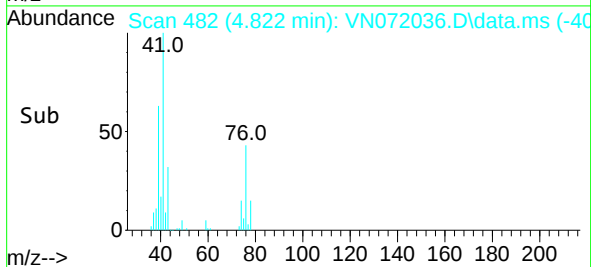
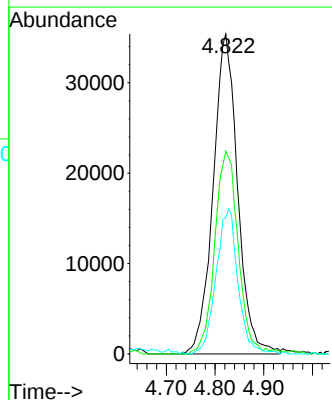
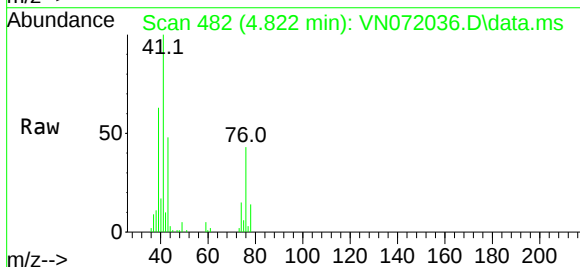
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

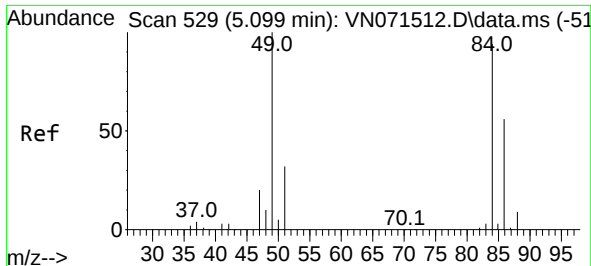
Tgt Ion: 76 Resp: 208147
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8



#17
Allyl chloride
Concen: 16.967 ug/l
RT: 4.822 min Scan# 482
Delta R.T. -0.018 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

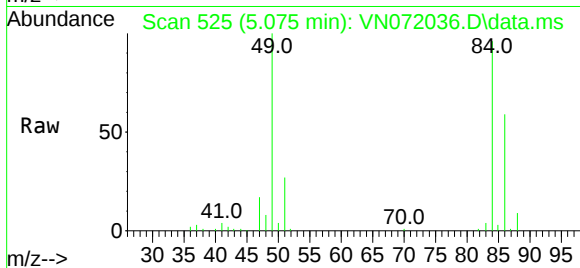
Tgt Ion: 41 Resp: 123703
Ion Ratio Lower Upper
41 100
39 63.4 44.6 134.0
76 42.6 19.6 58.7



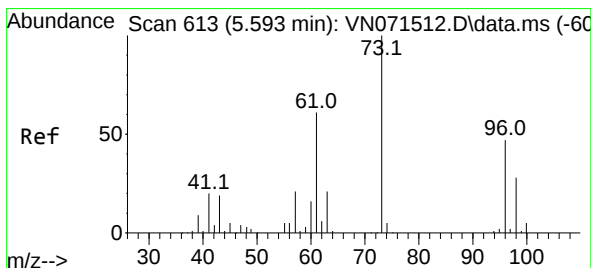
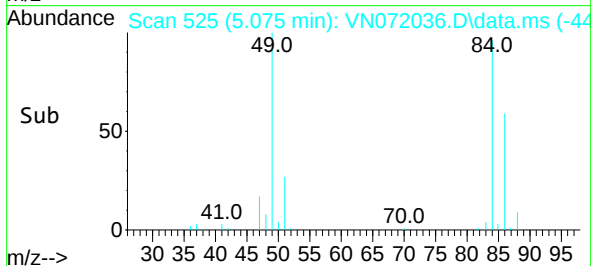
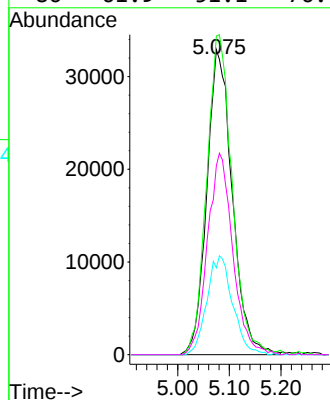


#18
Methylene Chloride
Concen: 20.868 ug/l
RT: 5.075 min Scan# 511
Delta R.T. -0.024 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

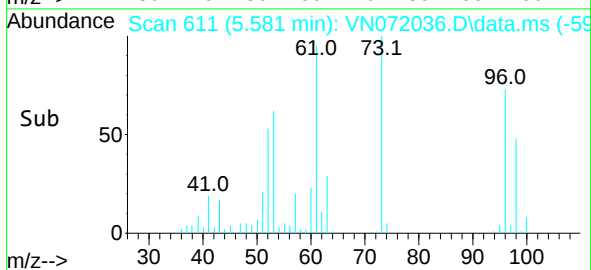
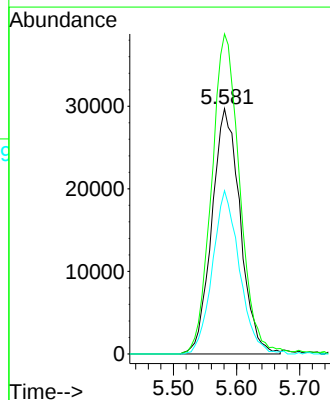
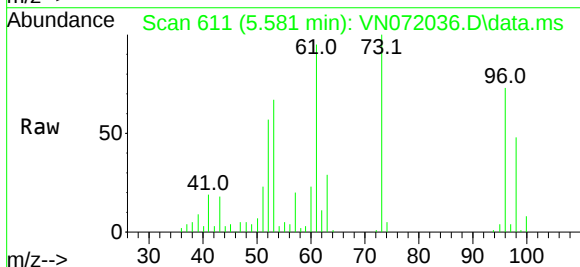


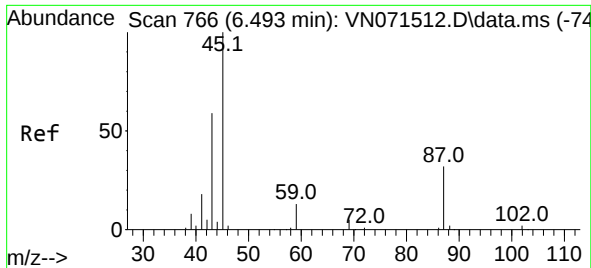
Tgt Ion:	84	Resp:	112529
Ion	Ratio	Lower	Upper
84	100		
49	104.5	91.4	137.0
51	28.5	29.4	44.0#
86	61.9	51.1	76.7



#19
trans-1,2-Dichloroethene
Concen: 19.199 ug/l
RT: 5.581 min Scan# 611
Delta R.T. -0.012 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

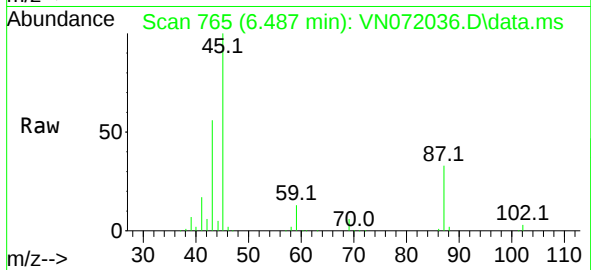
Tgt Ion:	96	Resp:	92304
Ion	Ratio	Lower	Upper
96	100		
61	130.4	102.8	154.2
98	66.5	49.3	73.9



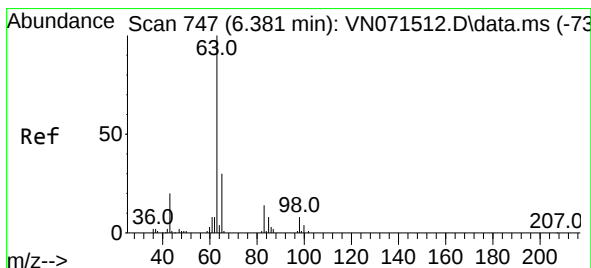
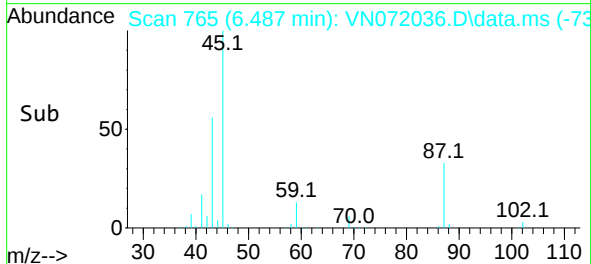
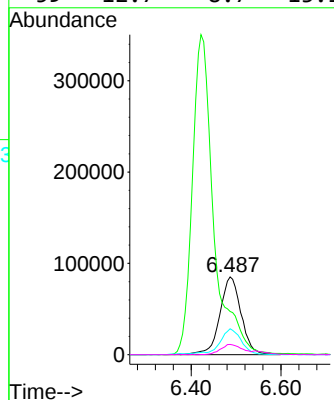


#20
Diisopropyl ether
Concen: 18.381 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

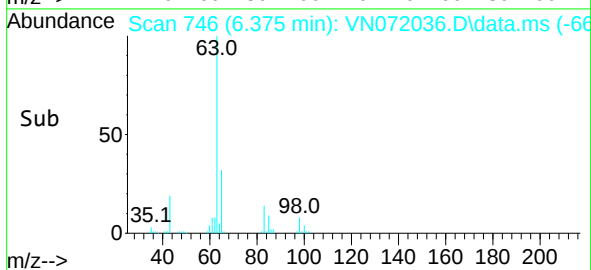
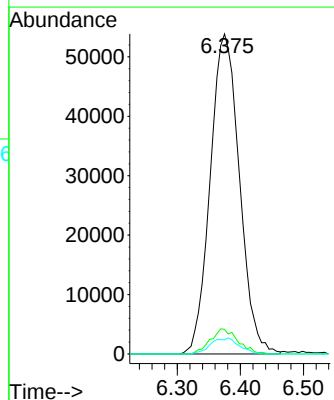
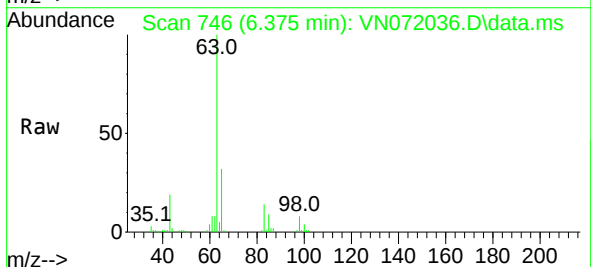


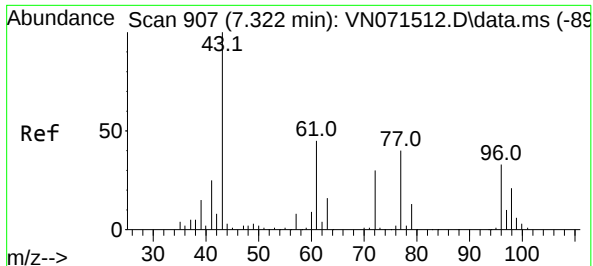
Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.9	51.0	76.4
87	33.1	25.0	37.4
59	12.7	8.7	13.1



#21
1,1-Dichloroethane
Concen: 18.800 ug/l
RT: 6.375 min Scan# 746
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.2	9.6
100	4.4	2.1	6.2

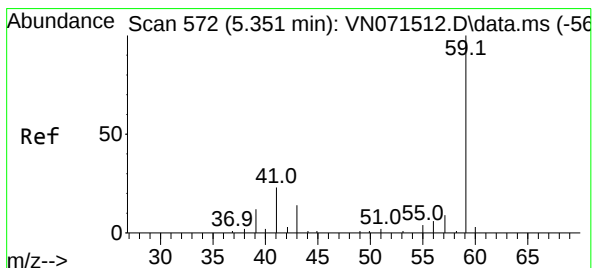
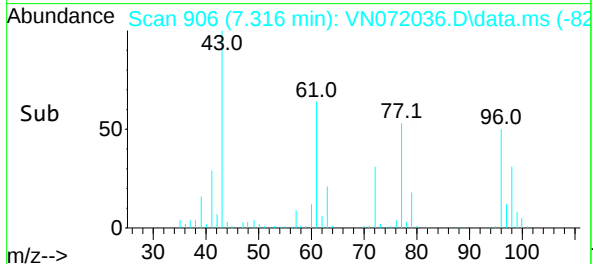
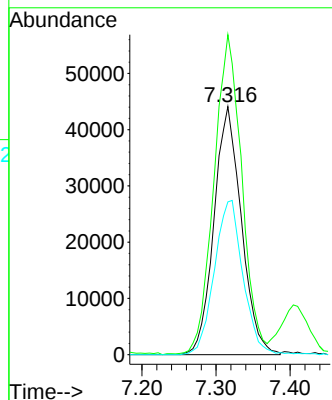
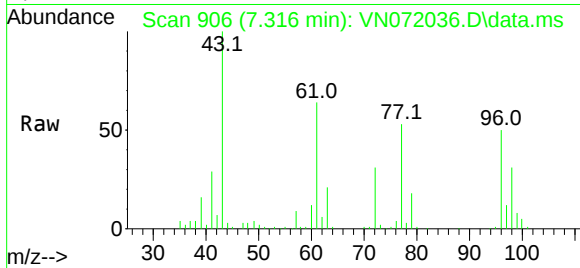




#22
cis-1,2-Dichloroethene
Concen: 19.401 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

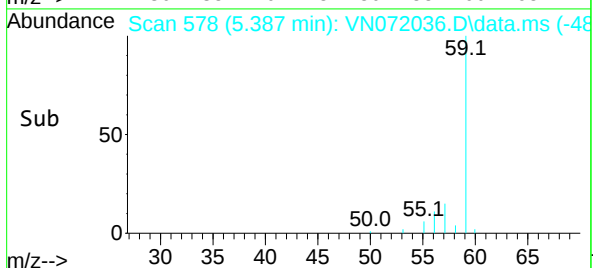
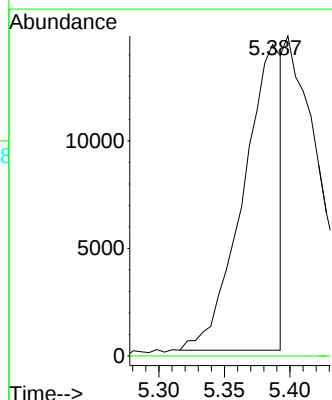
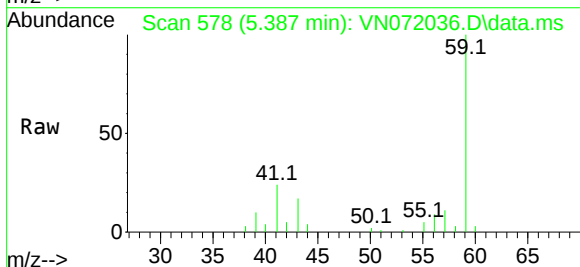
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

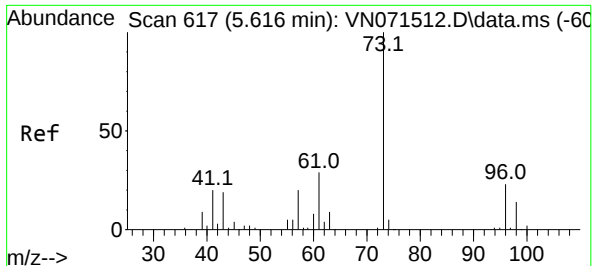
Tgt Ion: 96 Resp: 113320
Ion Ratio Lower Upper
96 100
61 130.7 115.7 173.5
98 64.6 51.6 77.4



#23
tert-Butyl Alcohol
Concen: 28.539 ug/l
RT: 5.387 min Scan# 578
Delta R.T. 0.035 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 59 Resp: 29217
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

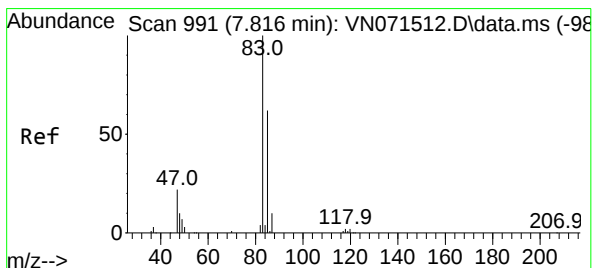
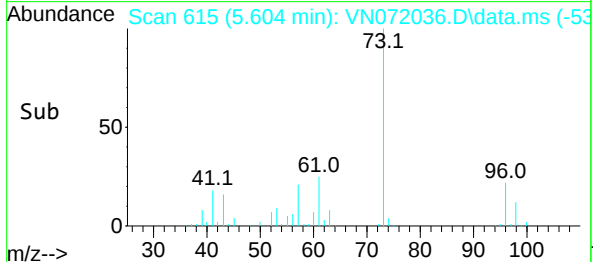
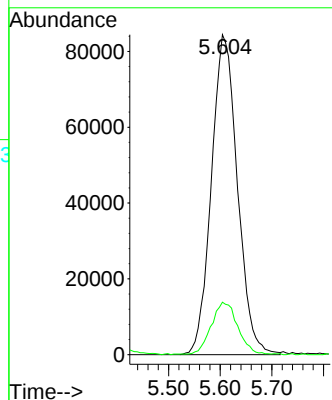
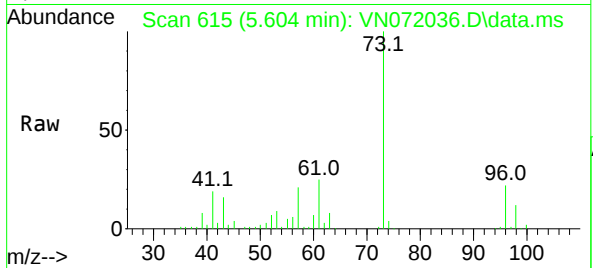




#24
Methyl tert-Butyl Ether
Concen: 18.224 ug/l
RT: 5.604 min Scan# 617
Delta R.T. -0.012 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

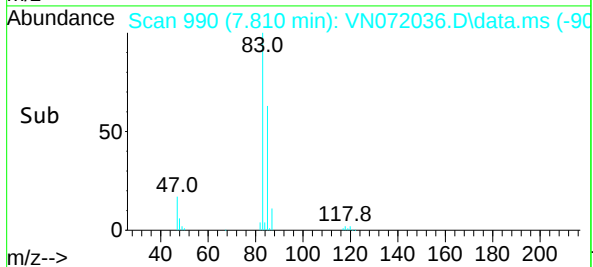
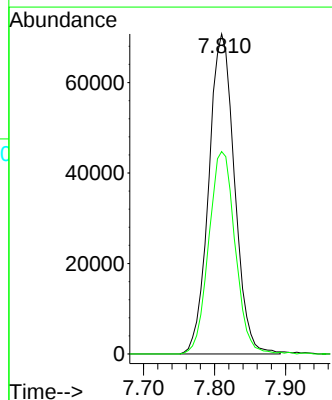
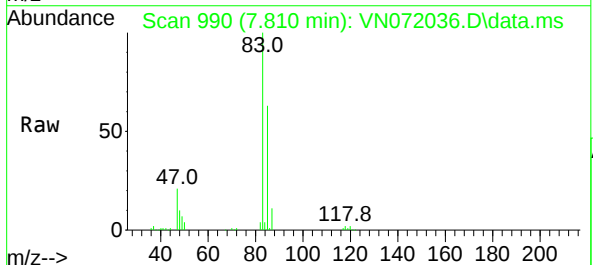
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

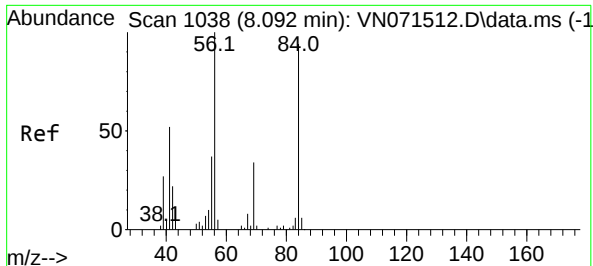
Tgt Ion: 73 Resp: 295643
Ion Ratio Lower Upper
73 100
43 16.4 18.1 27.1#



#25
Chloroform
Concen: 19.242 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 83 Resp: 178237
Ion Ratio Lower Upper
83 100
85 63.3 51.3 76.9

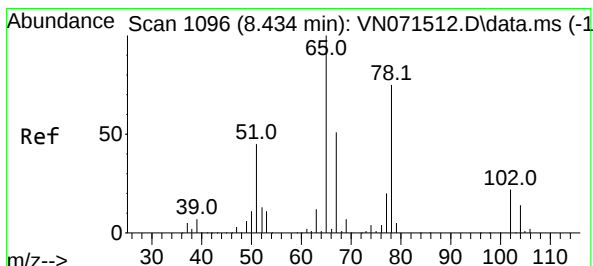
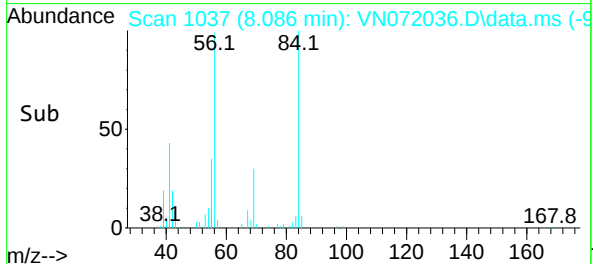
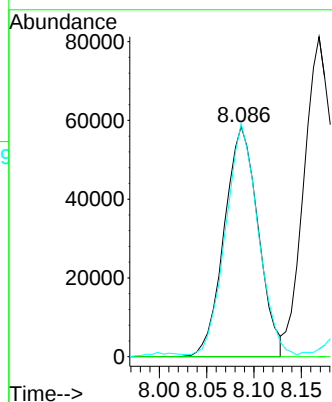
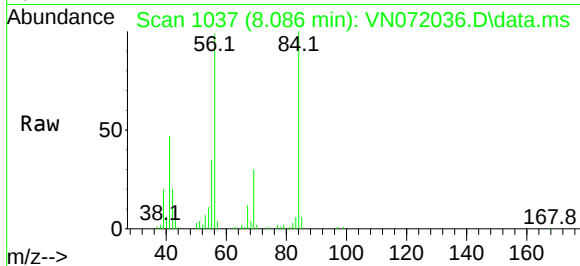




#26
Cyclohexane
Concen: 18.284 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

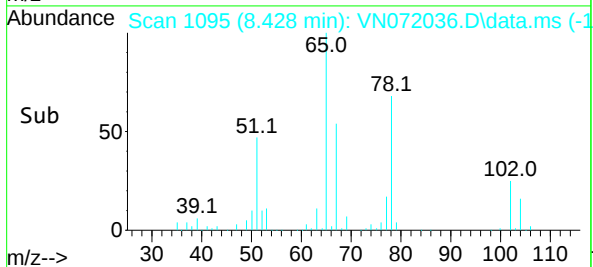
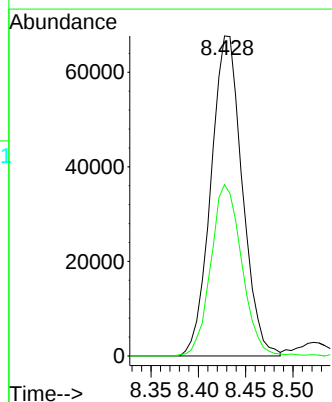
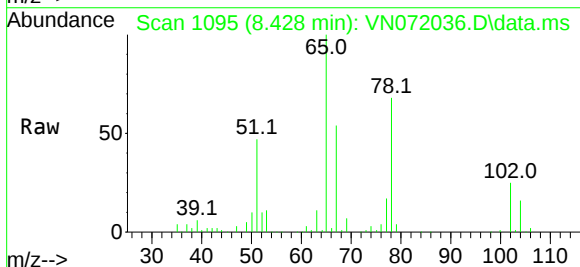
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

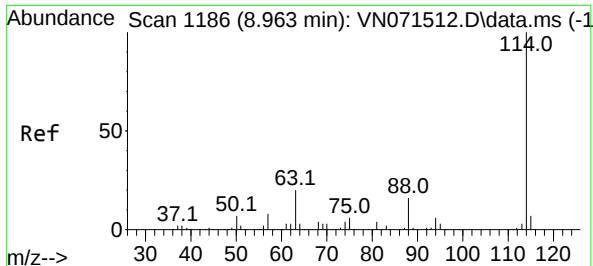
Tgt Ion: 56 Resp: 145553
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 97.9 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 28.551 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 65 Resp: 156071
Ion Ratio Lower Upper
65 100
67 52.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

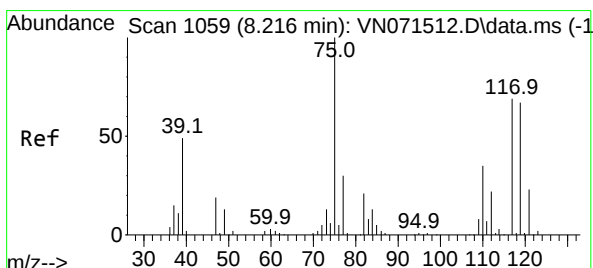
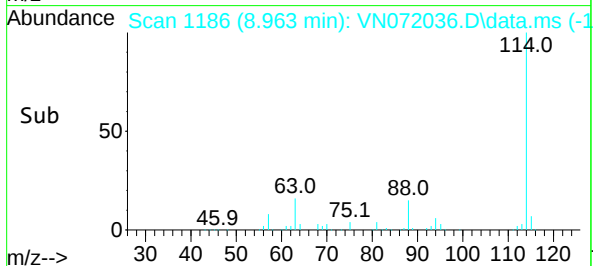
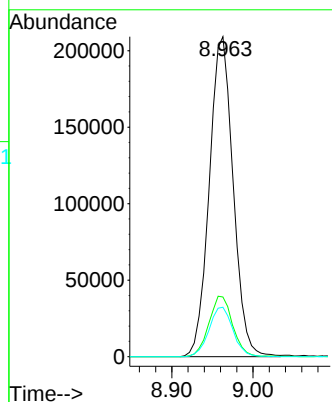
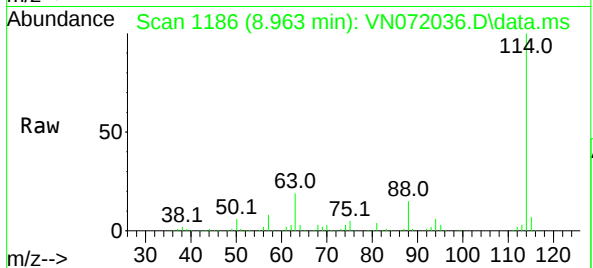
Tgt Ion:114 Resp: 426750

Ion Ratio Lower Upper

114 100

63 18.8 15.8 23.6

88 15.5 11.6 17.4



#29

1,1-Dichloropropene

Concen: 18.398 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

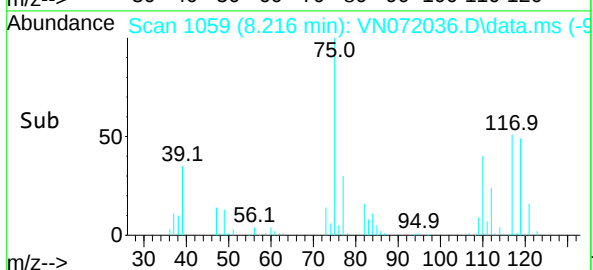
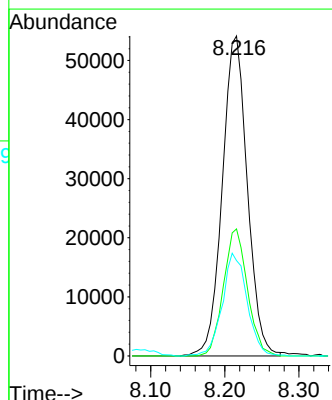
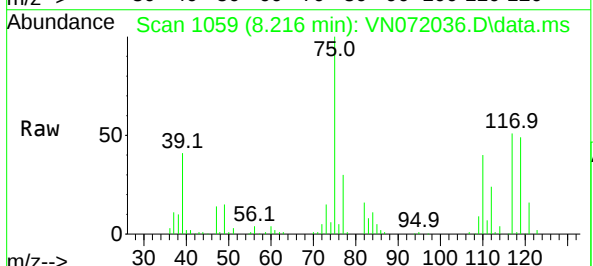
Tgt Ion: 75 Resp: 127082

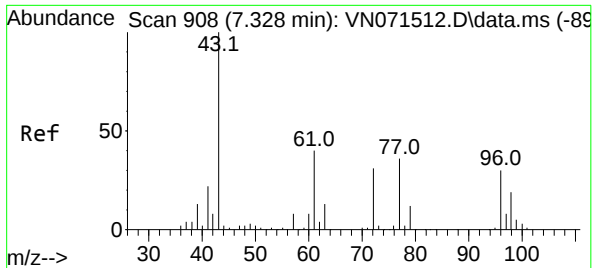
Ion Ratio Lower Upper

75 100

110 38.1 0.0 74.2

77 31.7 0.0 63.2





#30

2-Butanone

Concen: 87.855 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

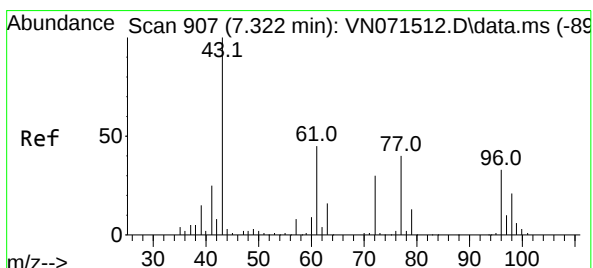
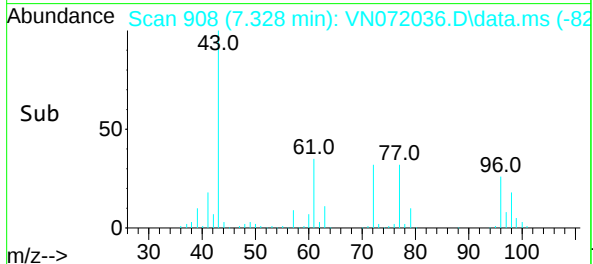
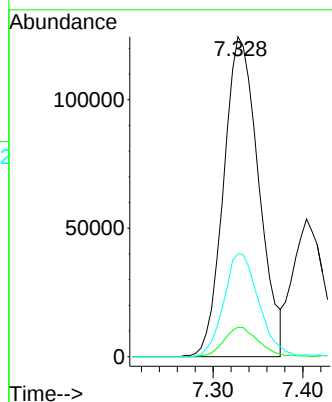
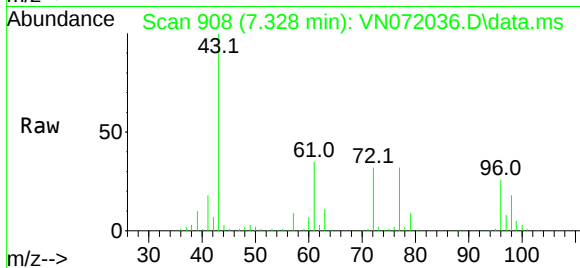
Tgt Ion: 43 Resp: 337795

Ion Ratio Lower Upper

43 100

57 9.1 6.7 10.1

72 32.0 23.2 34.8



#31

2,2-Dichloropropane

Concen: 17.515 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072036.D

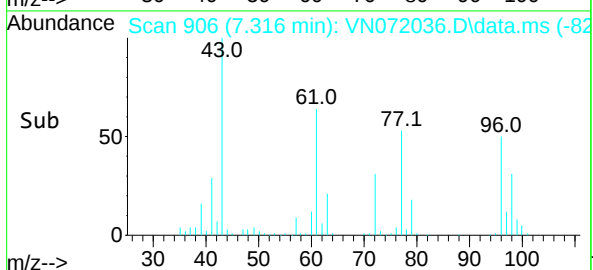
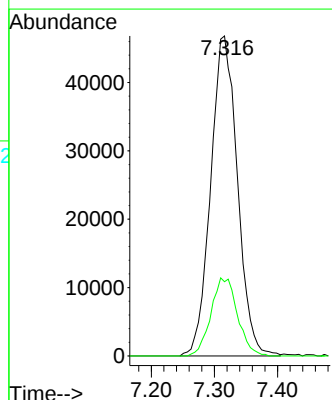
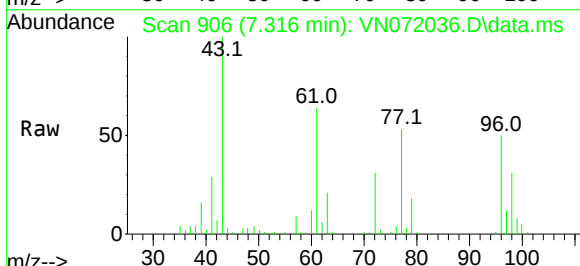
Acq: 18 Apr 2022 16:08

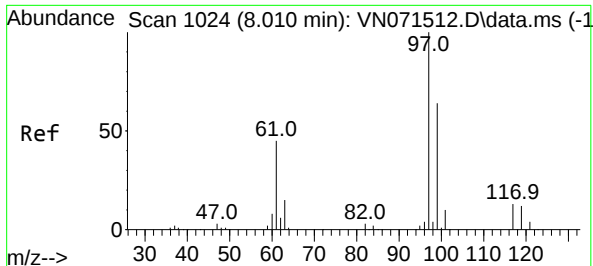
Tgt Ion: 77 Resp: 137820

Ion Ratio Lower Upper

77 100

97 24.1 18.3 27.5





#32

1,1,1-Trichloroethane

Concen: 18.578 ug/l

RT: 8.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

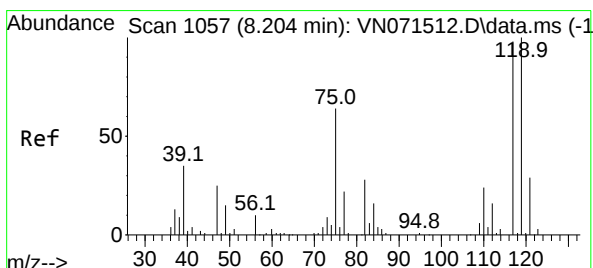
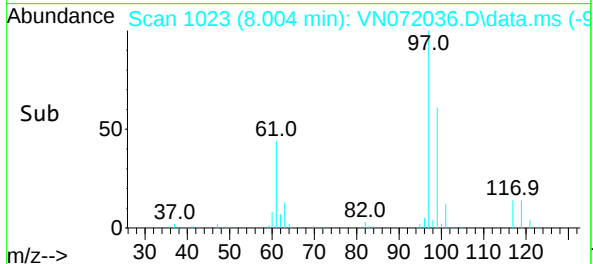
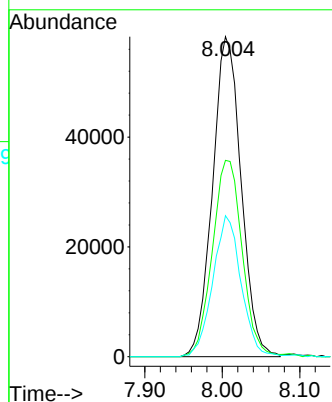
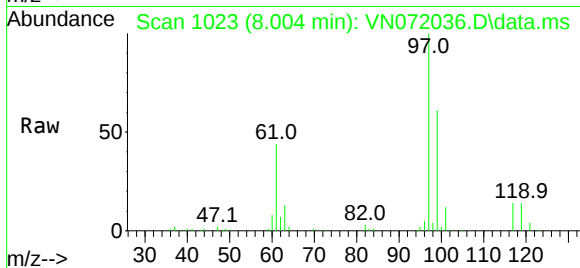
Tgt Ion: 97 Resp: 149460

Ion Ratio Lower Upper

97 100

99 63.8 50.4 75.6

61 43.4 34.6 51.8



#33

Carbon Tetrachloride

Concen: 18.472 ug/l

RT: 8.198 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

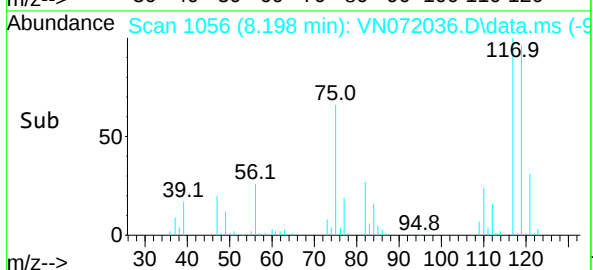
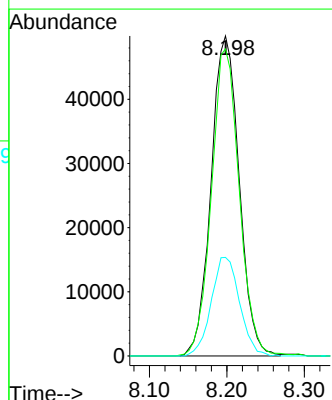
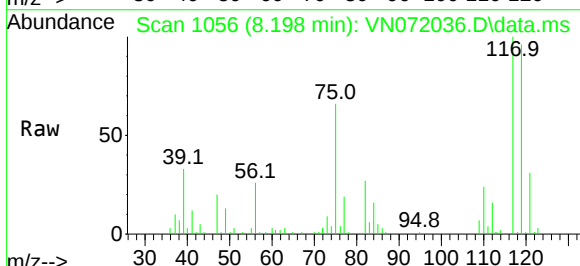
Tgt Ion: 117 Resp: 125796

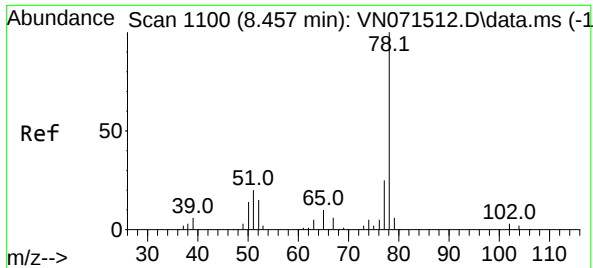
Ion Ratio Lower Upper

117 100

119 95.6 77.5 116.3

121 30.8 23.5 35.3

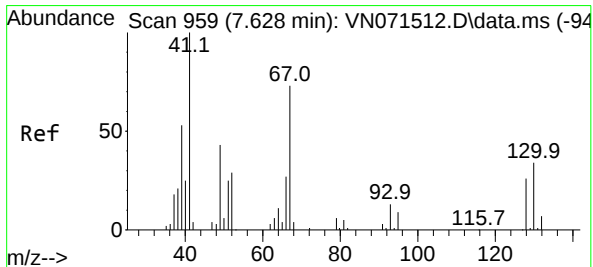
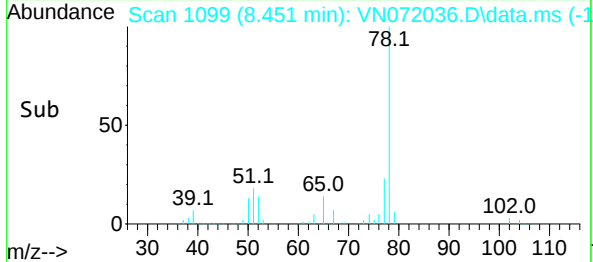
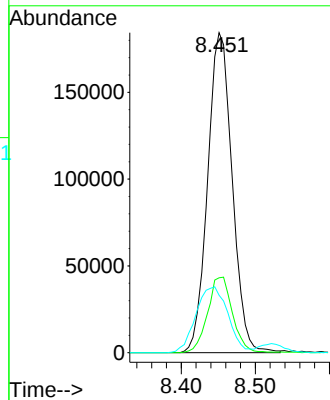
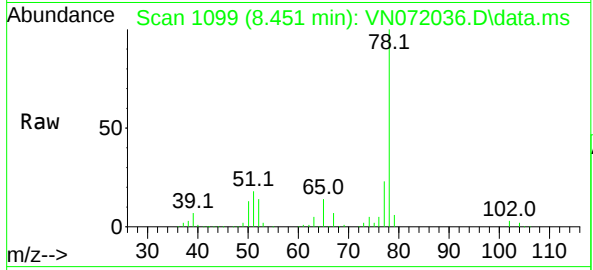




#34
Benzene
Concen: 19.785 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

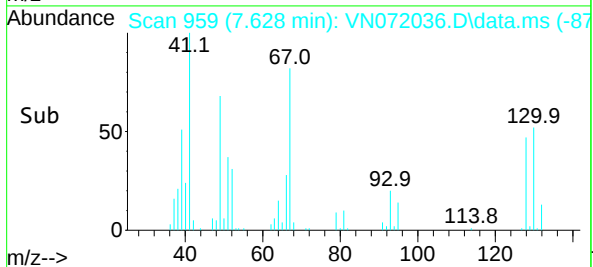
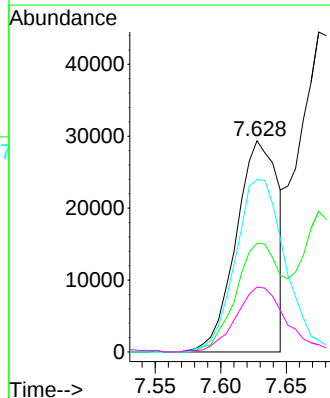
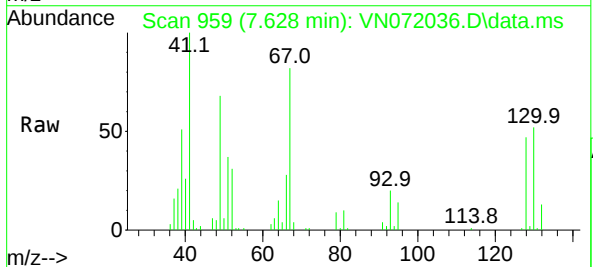
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

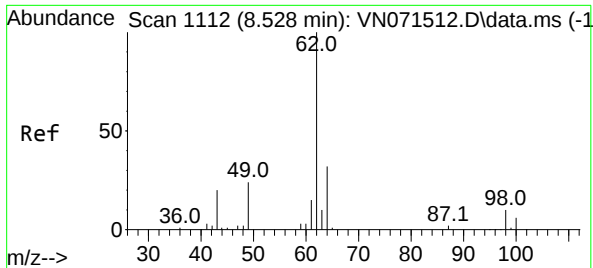
Tgt Ion: 78 Resp: 424600
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 16.3 16.0 24.0



#35
Methacrylonitrile
Concen: 17.671 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 41 Resp: 65187
Ion Ratio Lower Upper
41 100
39 51.5 28.0 83.9
67 81.6 37.7 113.1
52 30.8 17.1 51.2





#36

1,2-Dichloroethane

Concen: 18.070 ug/l

RT: 8.522 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

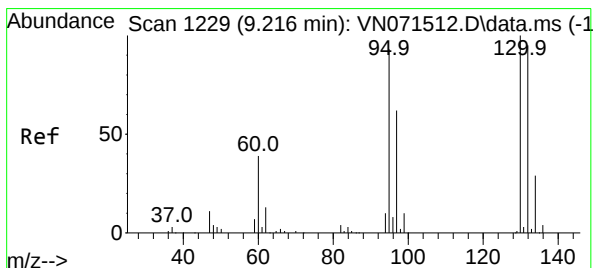
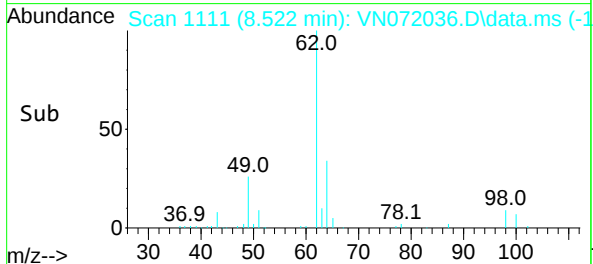
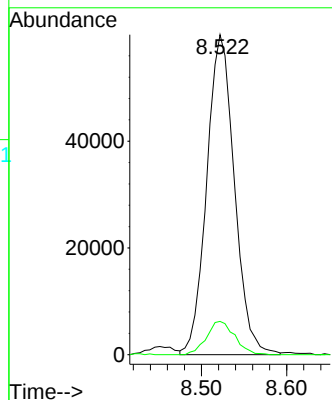
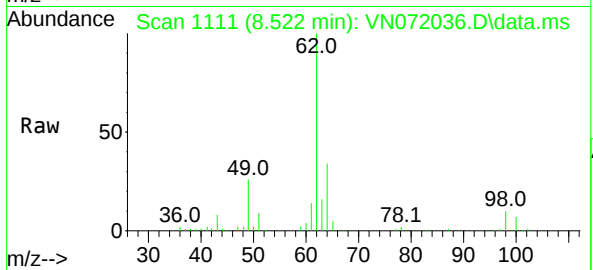
VSTDCCC020EC

Tgt Ion: 62 Resp: 135285

Ion Ratio Lower Upper

62 100

98 10.6 6.6 10.0#



#37

Trichloroethene

Concen: 19.440 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VN072036.D

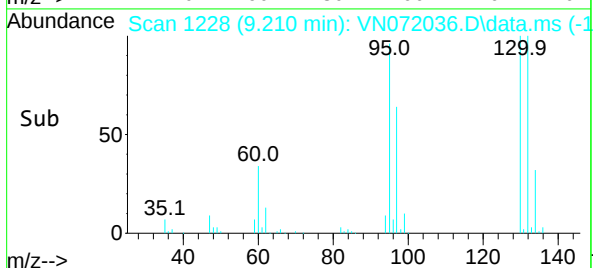
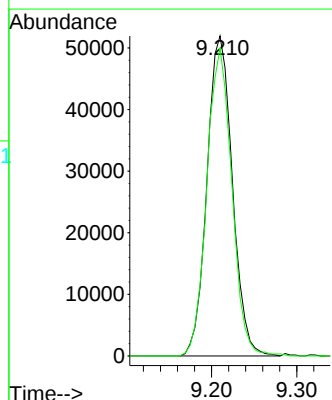
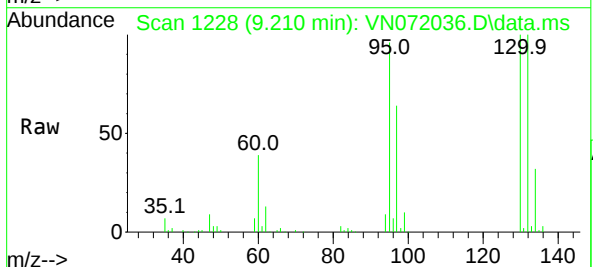
Acq: 18 Apr 2022 16:08

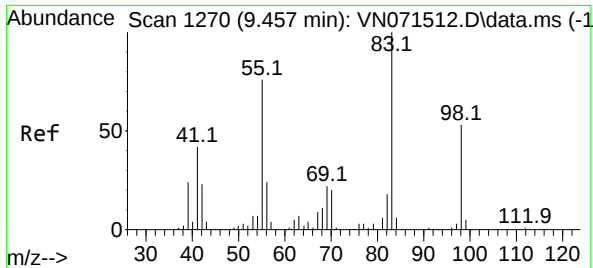
Tgt Ion:130 Resp: 107646

Ion Ratio Lower Upper

130 100

95 96.2 76.6 115.0

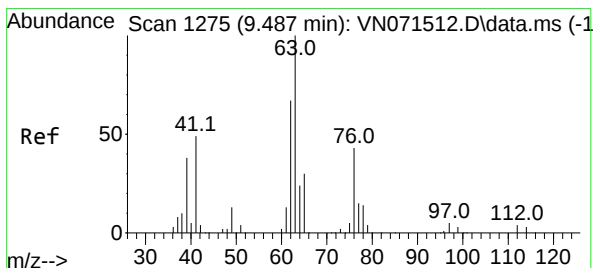
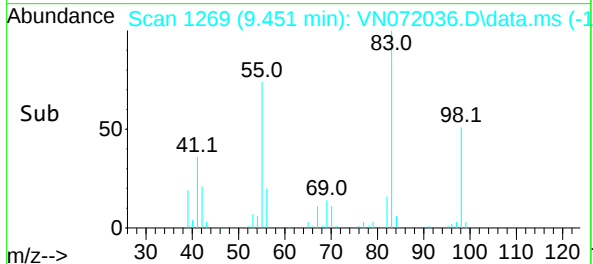
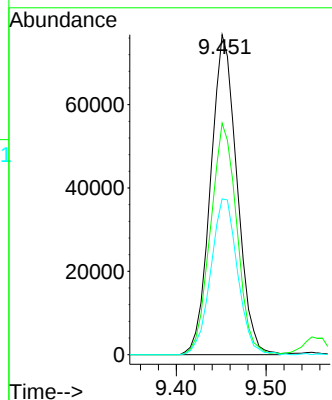
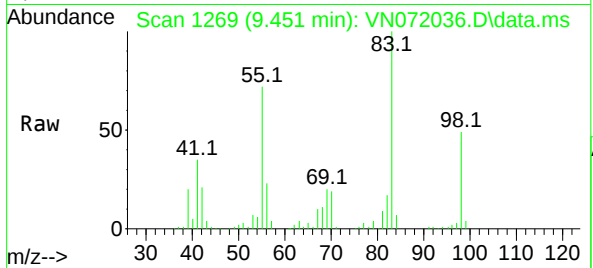




#38
Methylcyclohexane
Concen: 17.980 ug/l
RT: 9.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

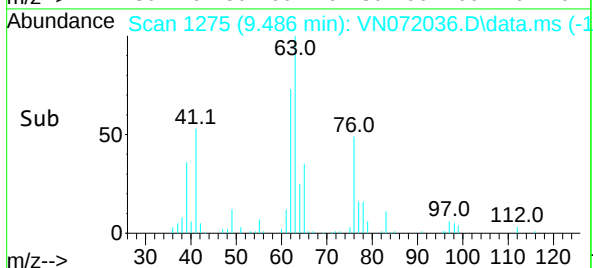
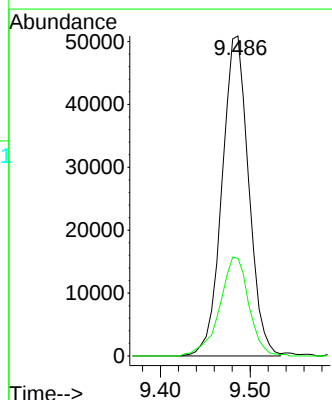
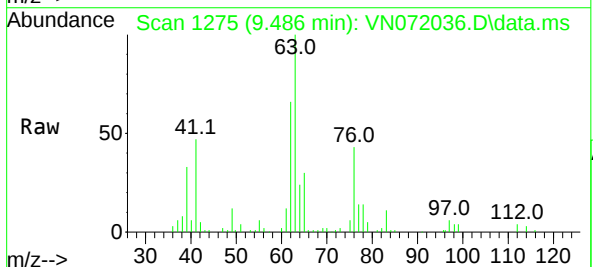
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

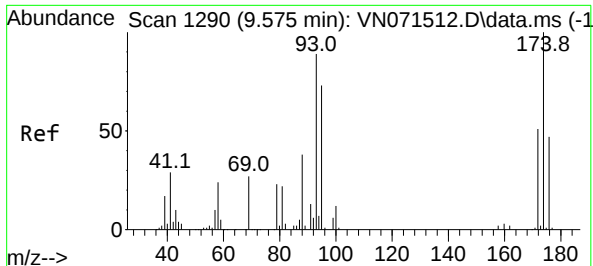
Tgt Ion: 83 Resp: 156543
Ion Ratio Lower Upper
83 100
55 72.1 35.1 105.3
98 49.5 23.4 70.2



#39
1,2-Dichloropropane
Concen: 19.534 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 63 Resp: 104884
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4

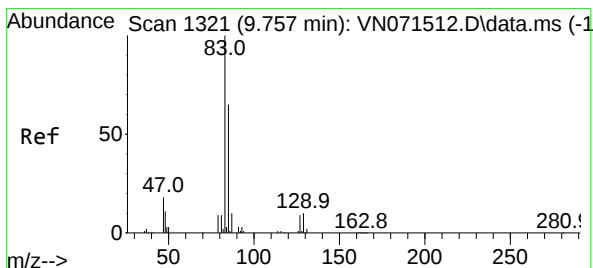
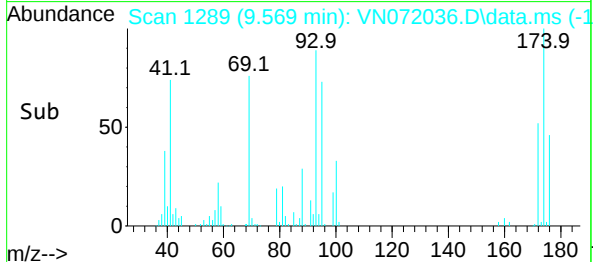
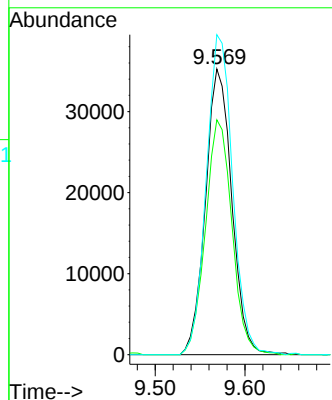
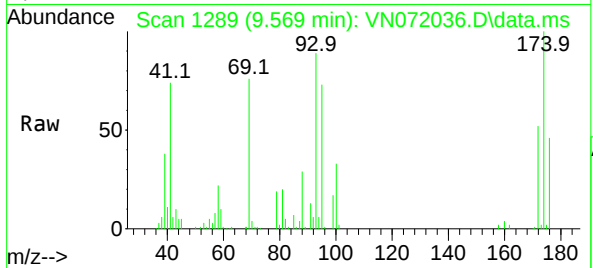




#40
Dibromomethane
Concen: 19.808 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

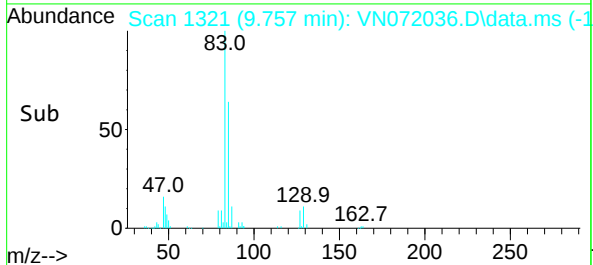
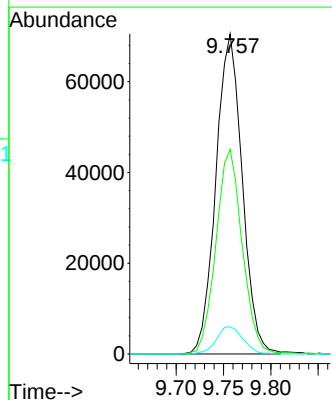
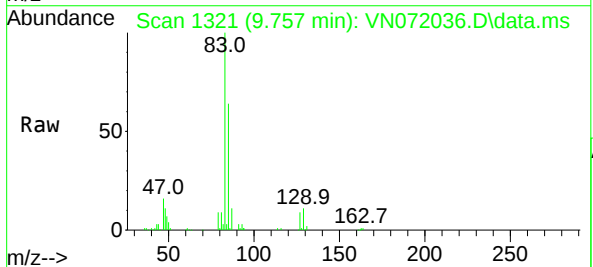
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

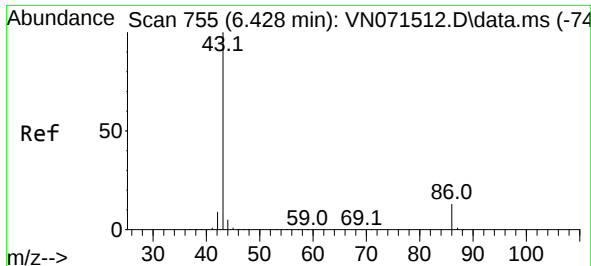
Tgt Ion: 93 Resp: 71989
Ion Ratio Lower Upper
93 100
95 82.6 0.0 168.8
174 112.0 0.0 173.6



#41
Bromodichloromethane
Concen: 18.755 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 83 Resp: 136398
Ion Ratio Lower Upper
83 100
85 63.9 54.1 81.1
127 8.5 7.6 11.4

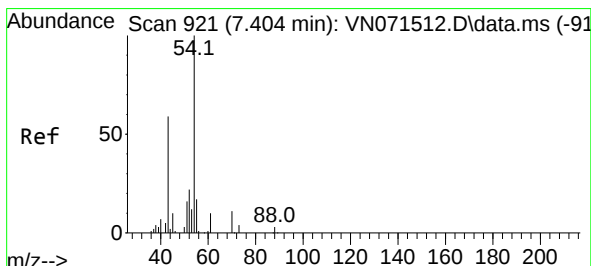
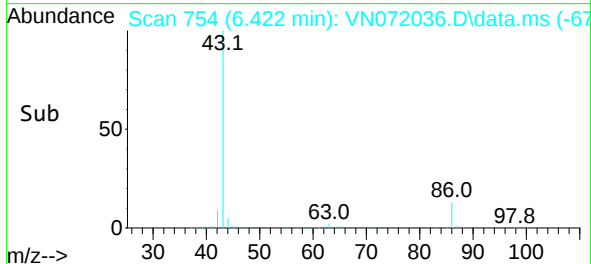
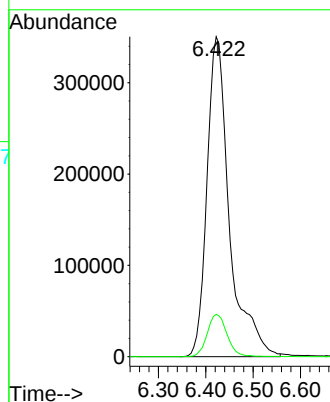
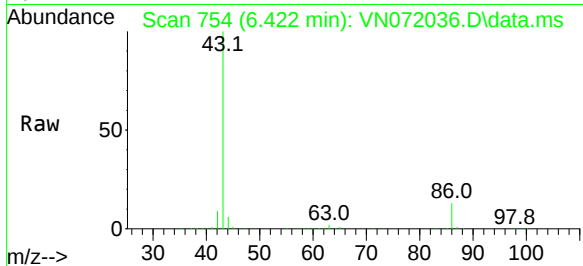




#42
 Vinyl Acetate
 Concen: 87.572 ug/l
 RT: 6.422 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN072036.D
 Acq: 18 Apr 2022 16:08

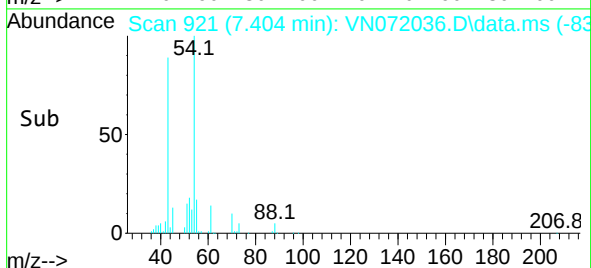
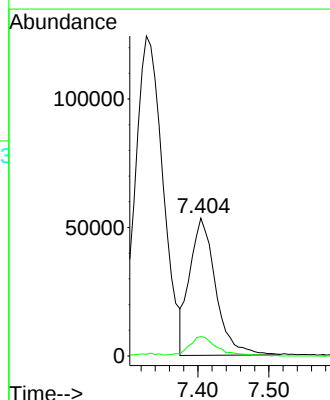
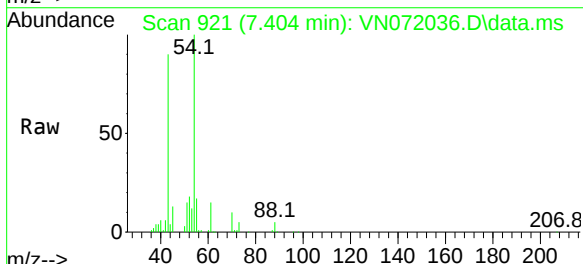
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

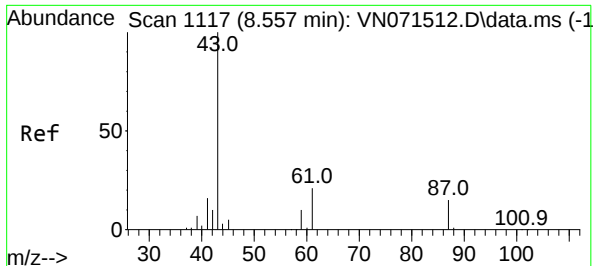
Tgt Ion: 43 Resp: 1153705
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#43
 Ethyl Acetate
 Concen: 18.198 ug/l
 RT: 7.404 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: VN072036.D
 Acq: 18 Apr 2022 16:08

Tgt Ion: 43 Resp: 135677
 Ion Ratio Lower Upper
 43 100
 45 12.3 10.6 16.0

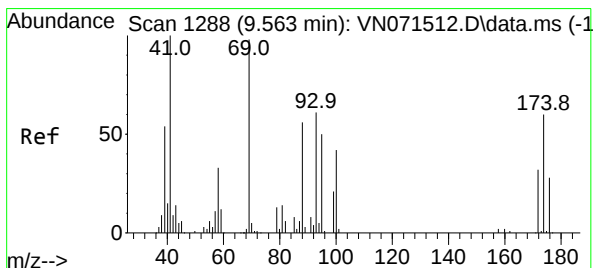
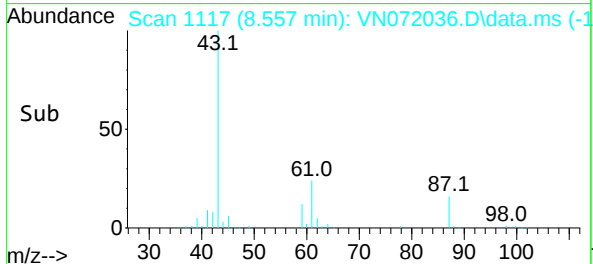
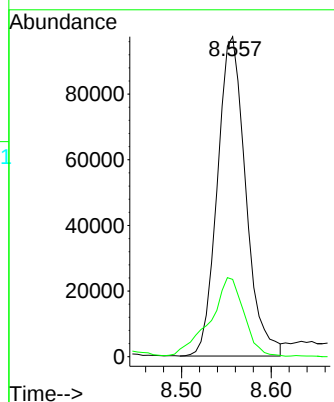
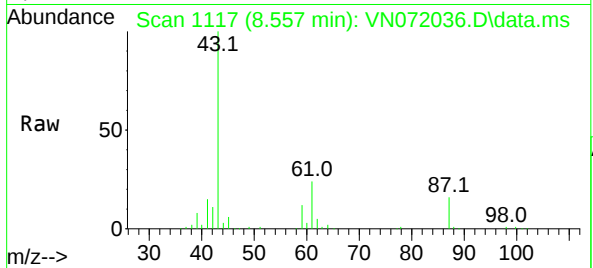




#44
Isopropyl Acetate
Concen: 17.861 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

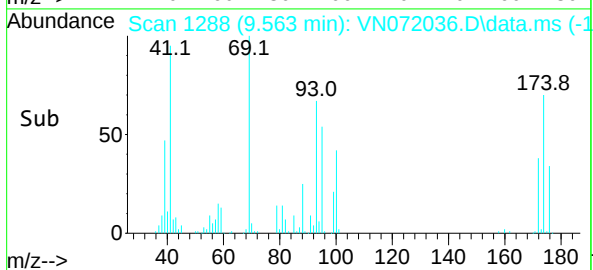
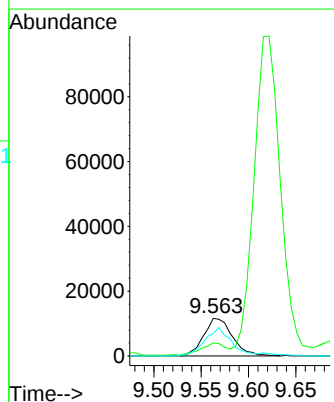
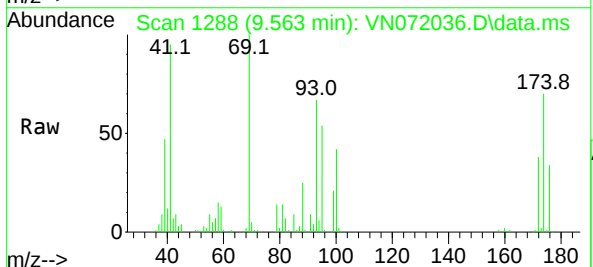
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

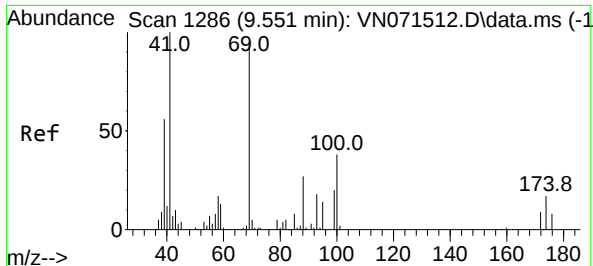
Tgt Ion: 43 Resp: 213580
Ion Ratio Lower Upper
43 100
61 29.9 20.1 30.1



#45
1,4-Dioxane
Concen: 202.631 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 88 Resp: 24447
Ion Ratio Lower Upper
88 100
43 27.1 25.0 37.6
58 69.4 49.4 74.2

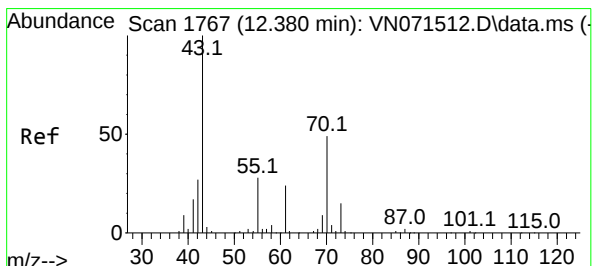
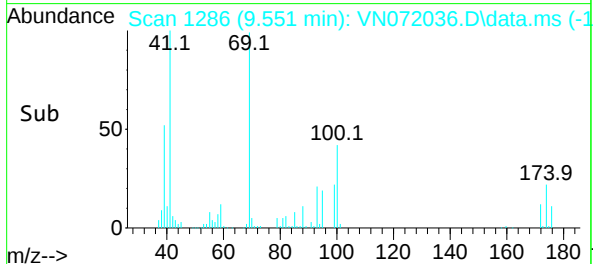
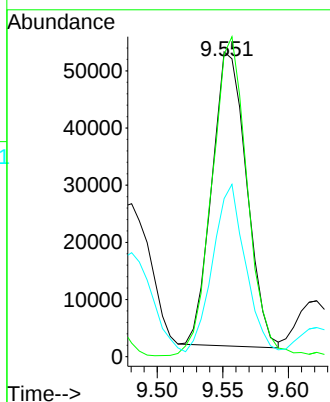
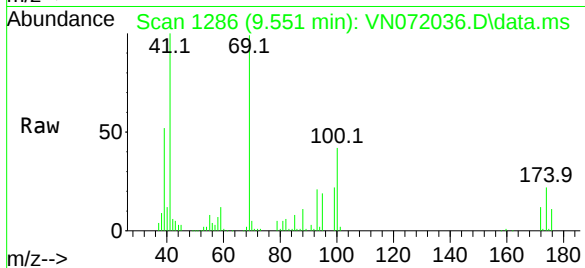




#46
Methyl methacrylate
Concen: 18.041 ug/l
RT: 9.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

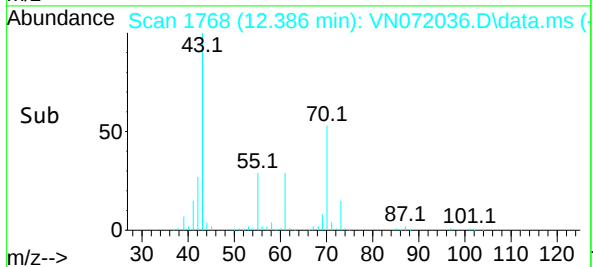
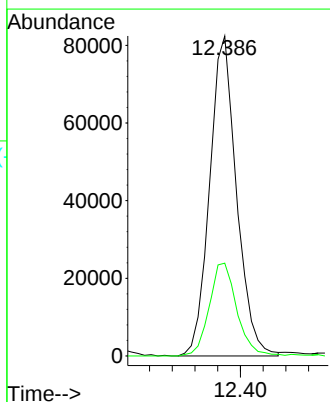
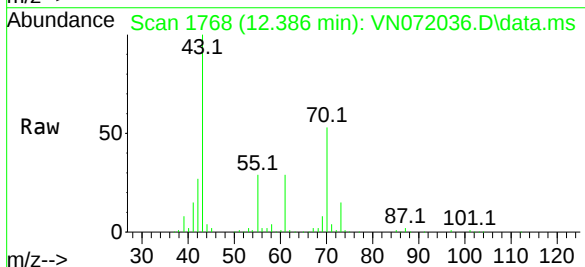
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

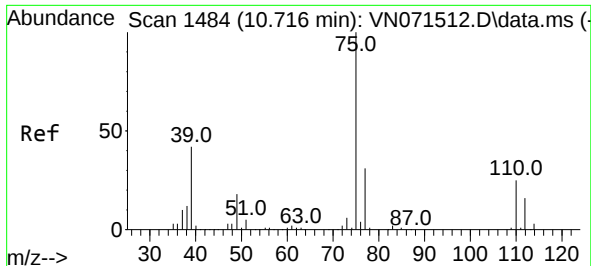
Tgt Ion: 41 Resp: 94606
Ion Ratio Lower Upper
41 100
69 102.5 44.4 133.2
39 51.7 39.9 119.6



#47
n-amy1 Acetate
Concen: 16.967 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 43 Resp: 135393
Ion Ratio Lower Upper
43 100
55 29.7 19.0 28.6#

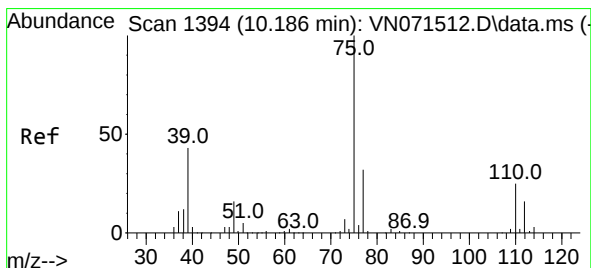
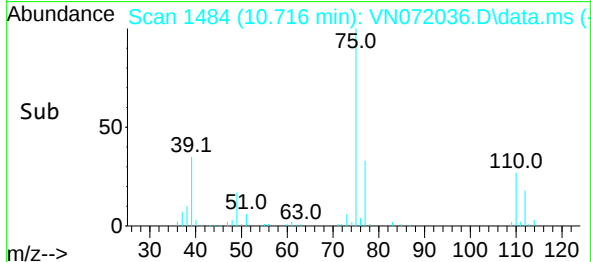
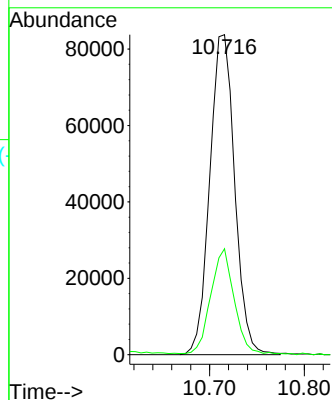
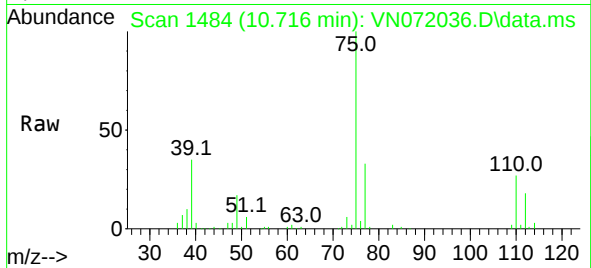




#48
t-1,3-Dichloropropene
Concen: 19.382 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

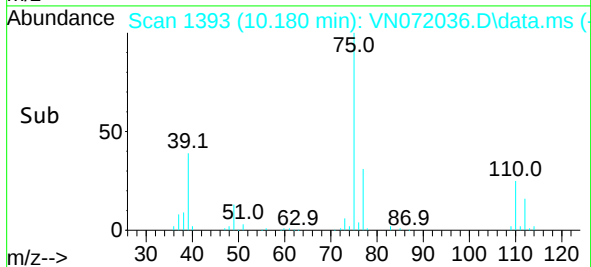
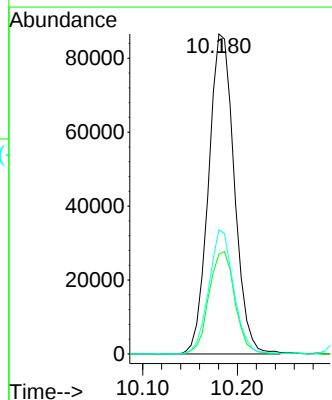
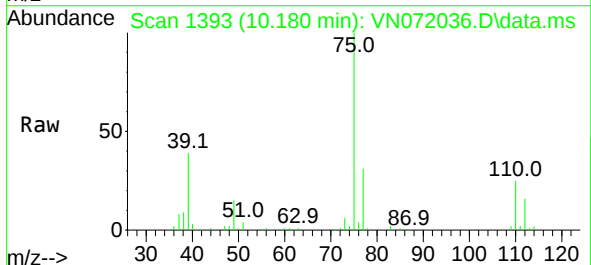
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

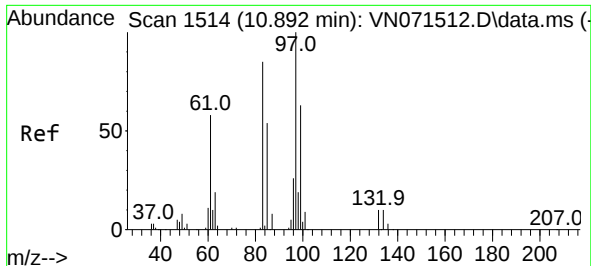
Tgt Ion: 75 Resp: 153208
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 18.913 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 75 Resp: 163485
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 38.8 46.2 69.4#



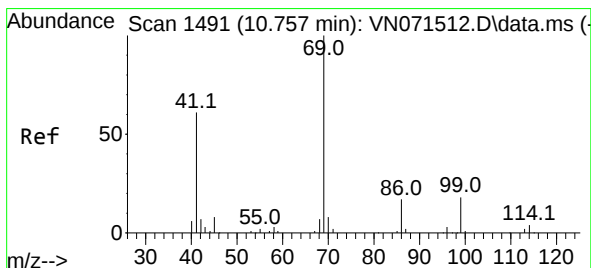
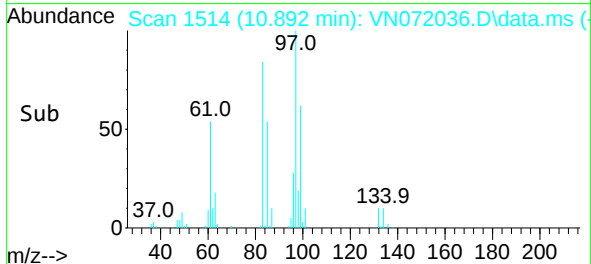
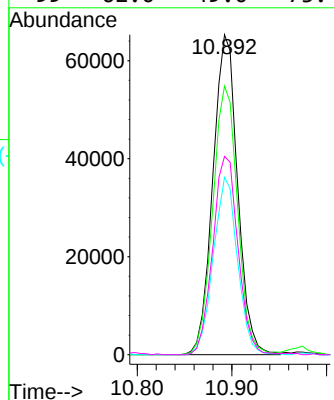
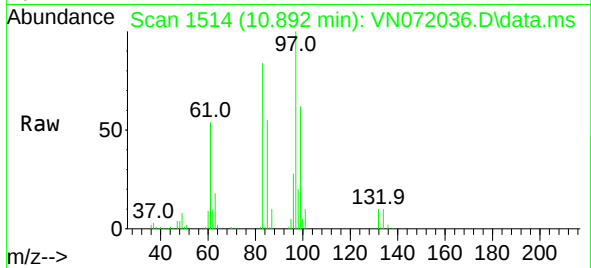


#50
1,1,2-Trichloroethane
Concen: 21.813 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 97 Resp: 118511

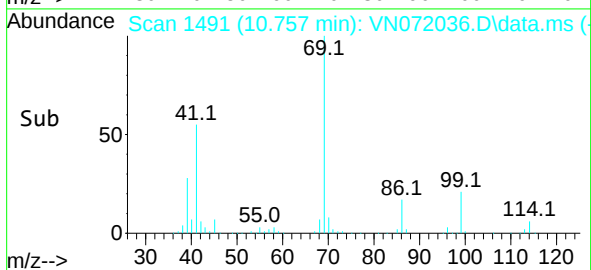
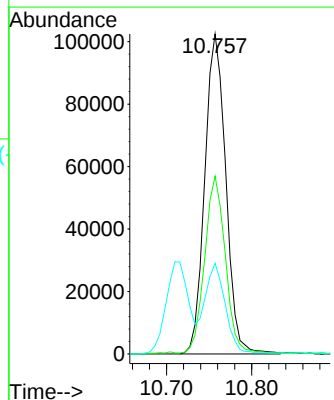
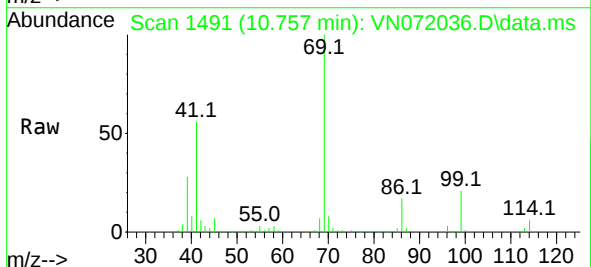
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.2	100.8
85	55.4	43.0	64.4
99	62.0	49.0	73.4

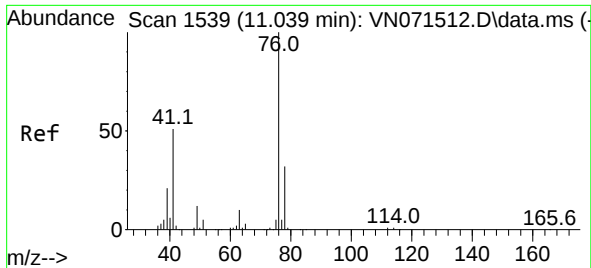


#51
Ethyl methacrylate
Concen: 20.958 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 69 Resp: 175810

Ion	Ratio	Lower	Upper
69	100		
41	55.3	33.0	98.9
39	28.2	25.4	76.4

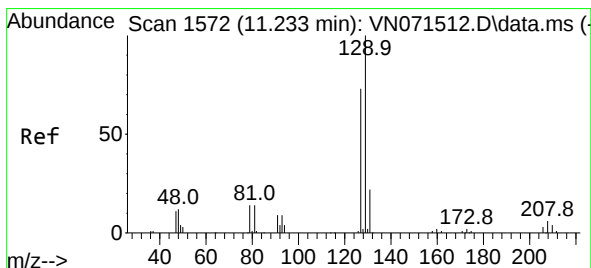
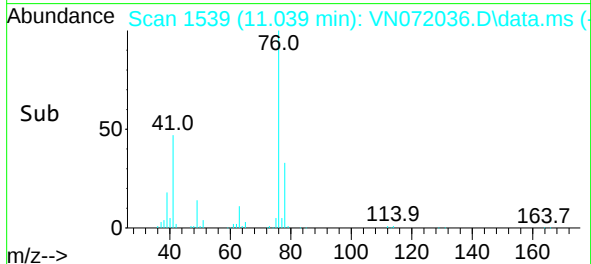
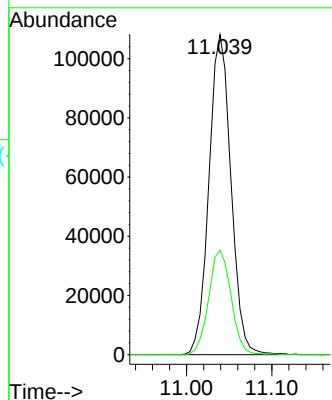
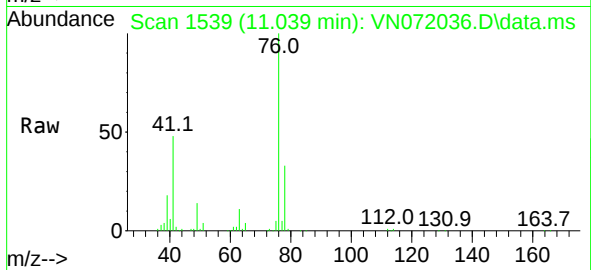




#52
1,3-Dichloropropane
Concen: 20.917 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

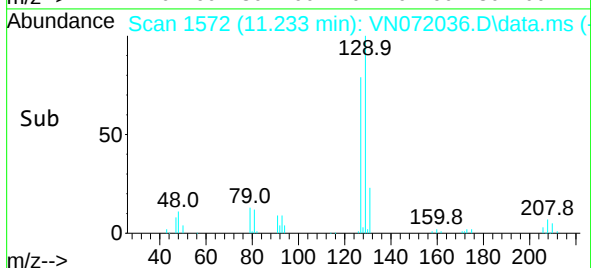
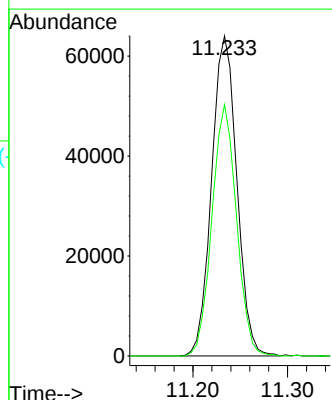
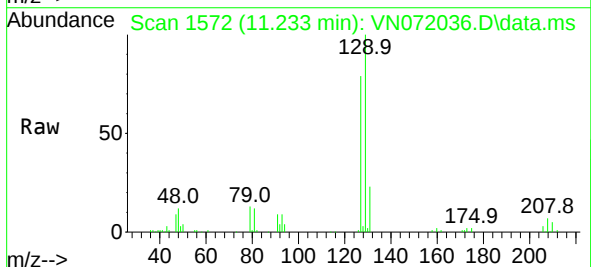
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

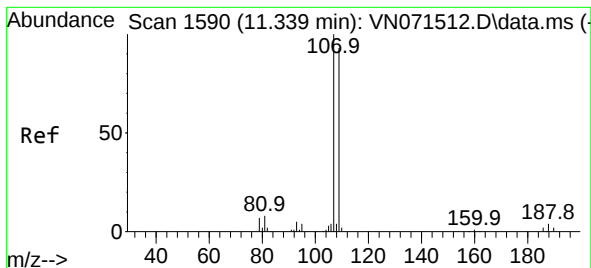
Tgt Ion: 76 Resp: 194075
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.4



#53
Dibromochloromethane
Concen: 21.095 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 129 Resp: 118640
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#54

1,2-Dibromoethane

Concen: 21.243 ug/l

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

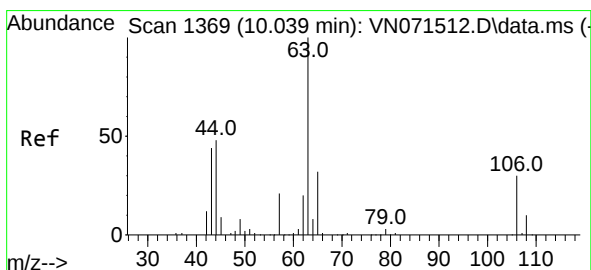
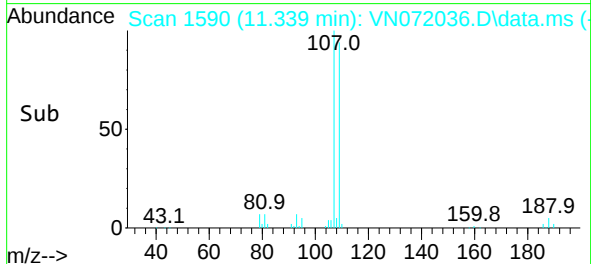
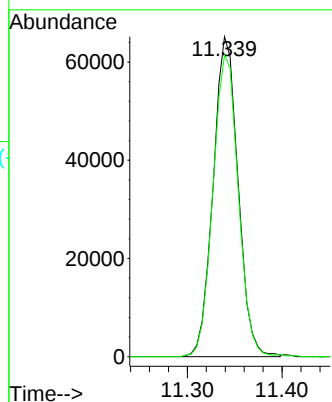
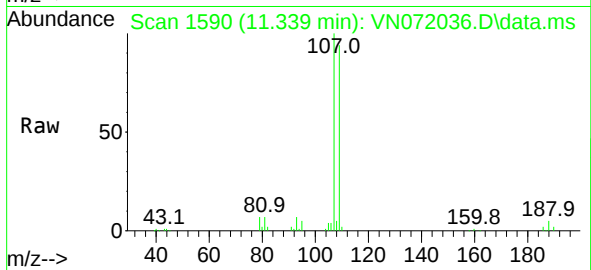
VSTDCCC020EC

Tgt Ion:107 Resp: 118723

Ion Ratio Lower Upper

107 100

109 95.8 72.8 109.2



#55

2-Chloroethyl vinyl ether

Concen: 116.020 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

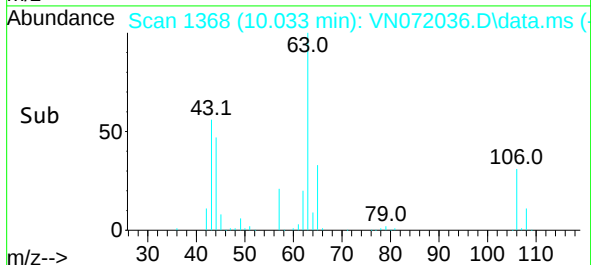
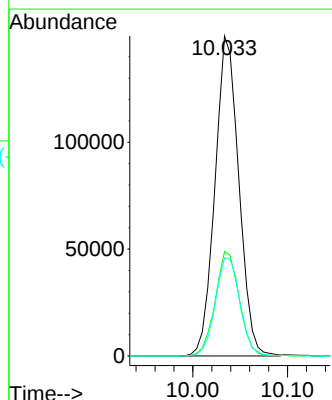
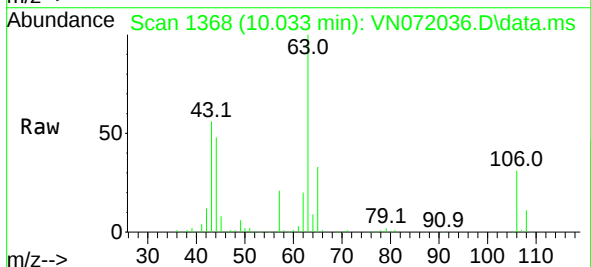
Tgt Ion: 63 Resp: 262226

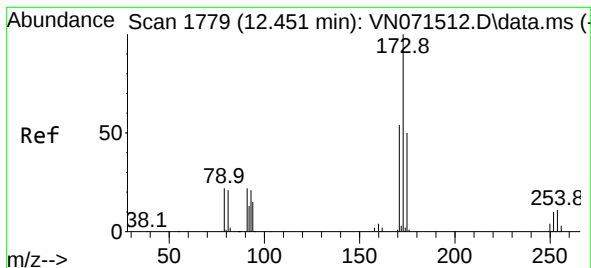
Ion Ratio Lower Upper

63 100

65 32.9 25.4 38.0

106 31.5 23.2 34.8





#56

Bromoform

Concen: 19.254 ug/l

RT: 12.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

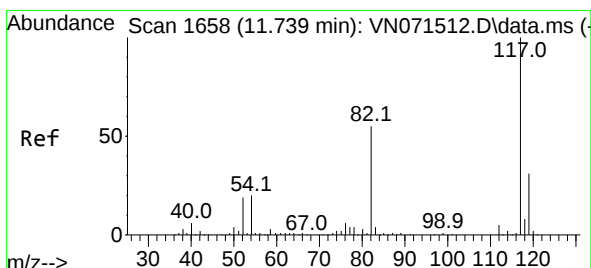
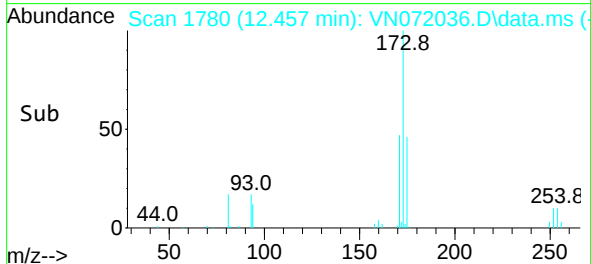
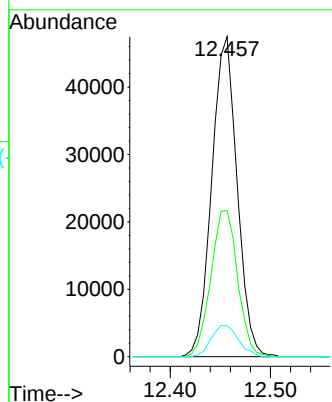
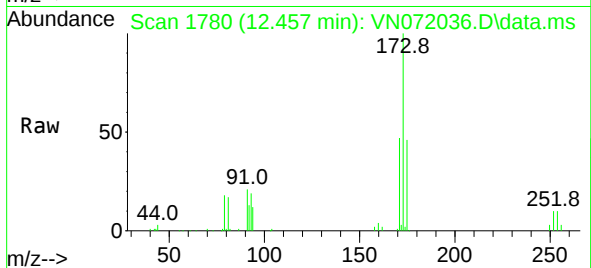
Tgt Ion:173 Resp: 83490

Ion Ratio Lower Upper

173 100

175 48.2 38.6 58.0

254 10.5 0.0 0.0#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

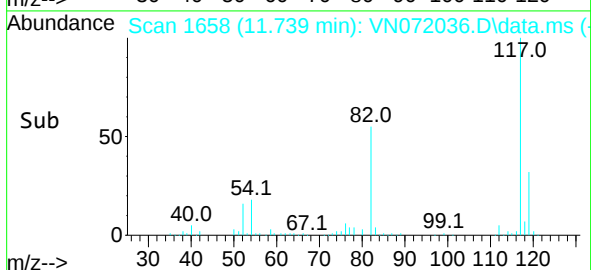
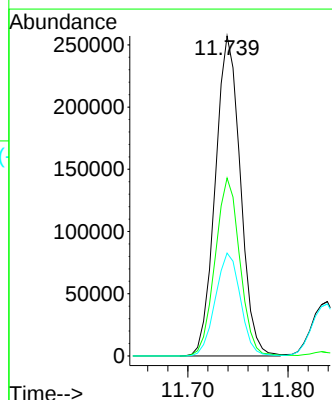
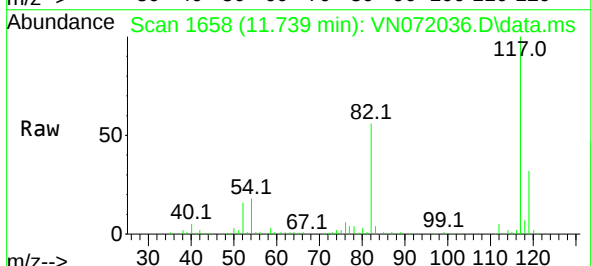
Tgt Ion:117 Resp: 446206

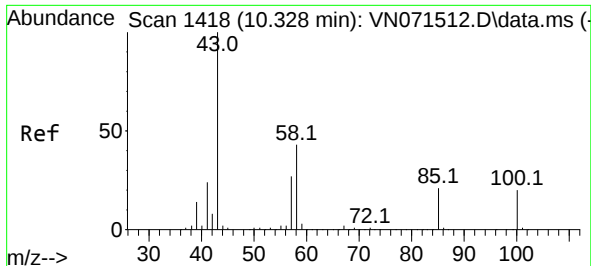
Ion Ratio Lower Upper

117 100

82 54.8 43.6 65.4

119 32.2 25.8 38.6

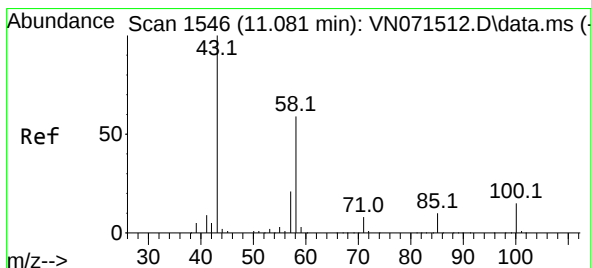
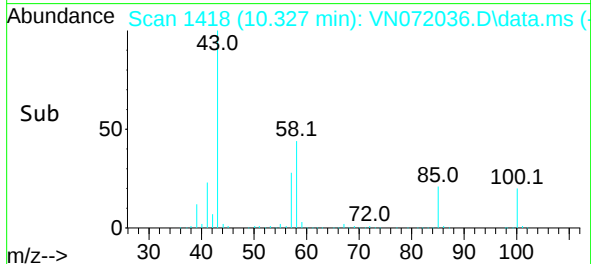
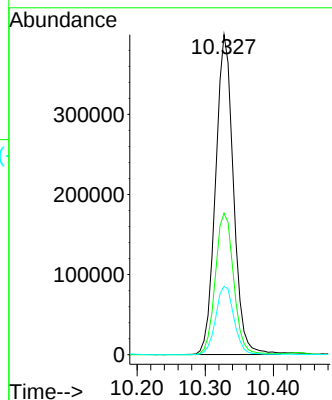
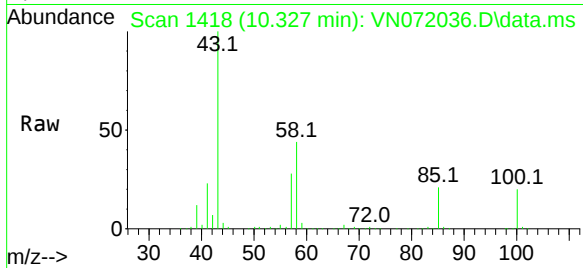




#58
4-Methyl-2-Pentanone
Concen: 86.220 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

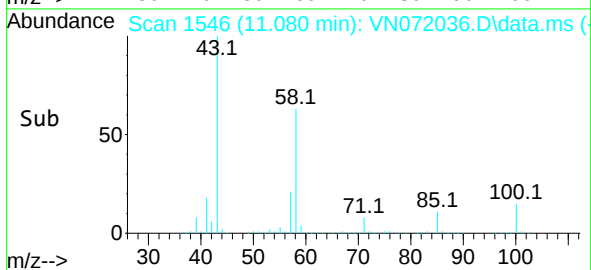
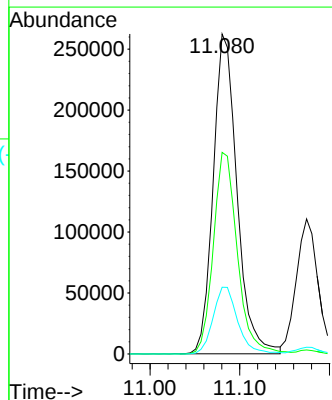
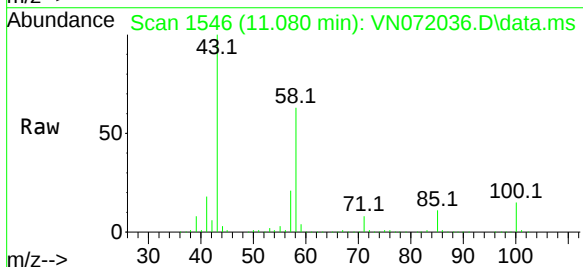
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

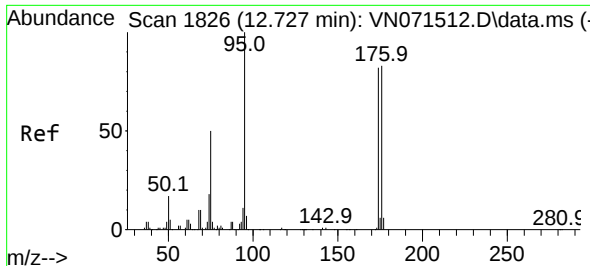
Tgt Ion: 43 Resp: 730313
Ion Ratio Lower Upper
43 100
58 45.5 30.0 45.0#
85 22.0 15.0 22.6



#59
2-Hexanone
Concen: 78.130 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 43 Resp: 483175
Ion Ratio Lower Upper
43 100
58 63.6 42.2 63.2#
57 21.4 15.0 22.4

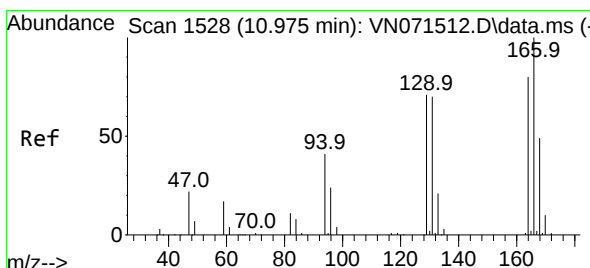
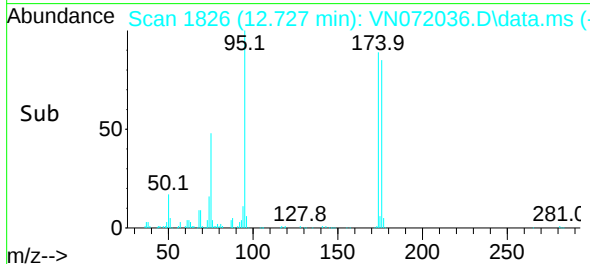
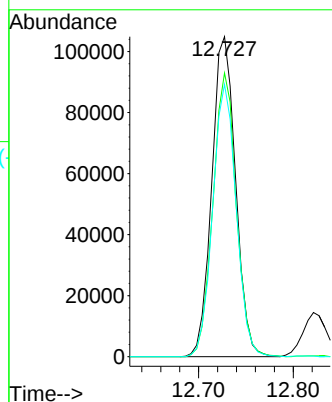
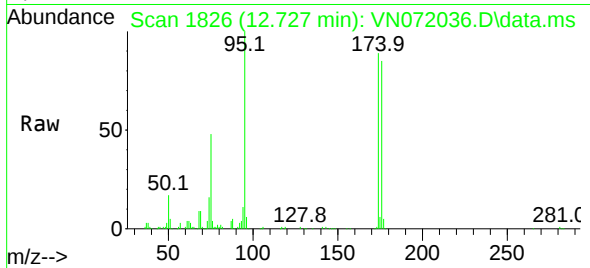




#60
4-Bromofluorobenzene
Concen: 27.633 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

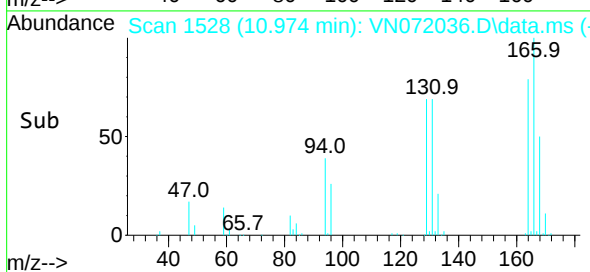
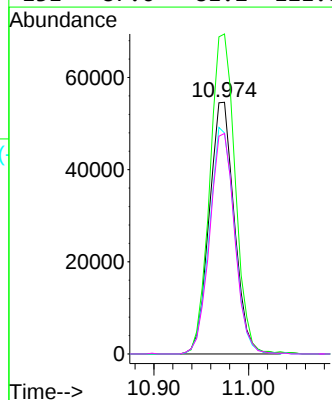
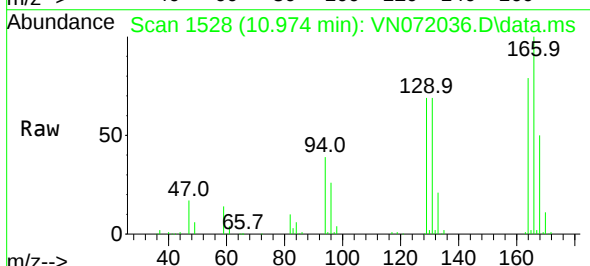
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

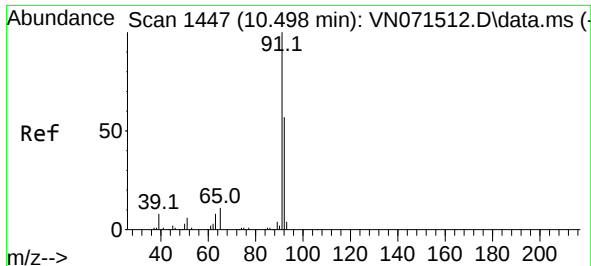
Tgt Ion: 95 Resp: 182824
Ion Ratio Lower Upper
95 100
174 86.8 62.9 94.3
176 83.9 61.0 91.4



#61
Tetrachloroethene
Concen: 18.442 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion:164 Resp: 100153
Ion Ratio Lower Upper
164 100
166 127.1 105.8 158.8
129 87.8 82.5 123.7
131 87.6 81.2 121.8

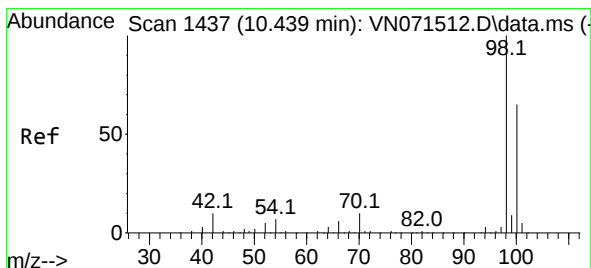
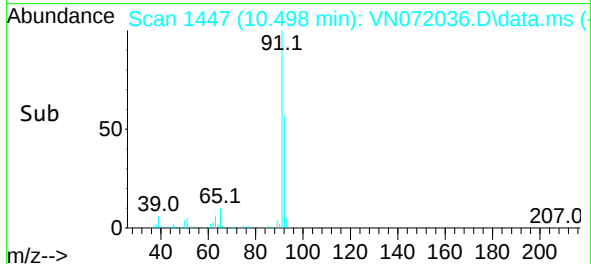
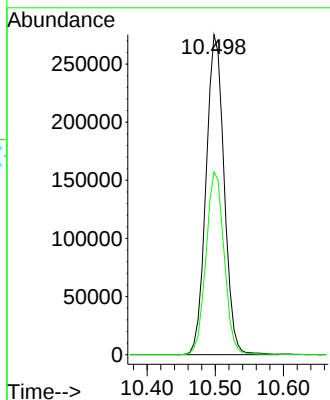
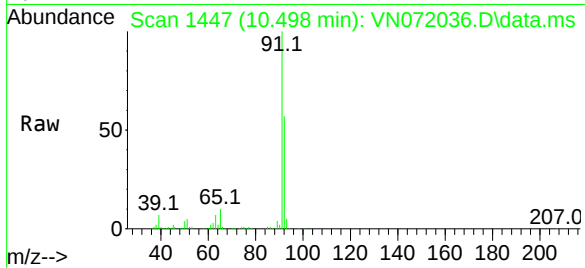




#62
Toluene
Concen: 18.776 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

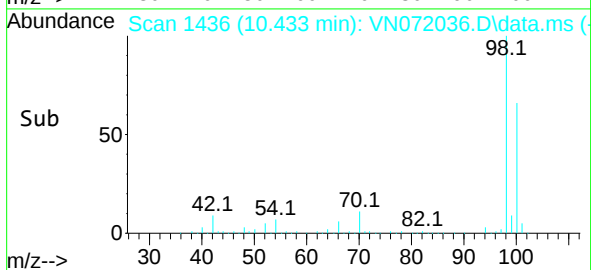
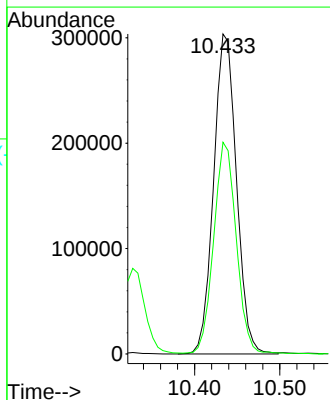
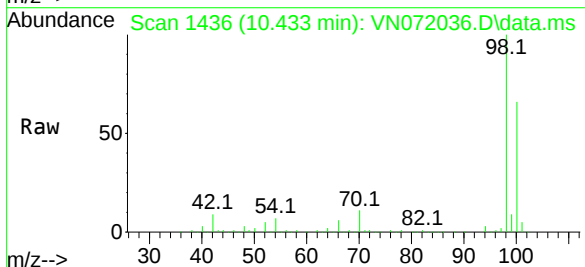
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

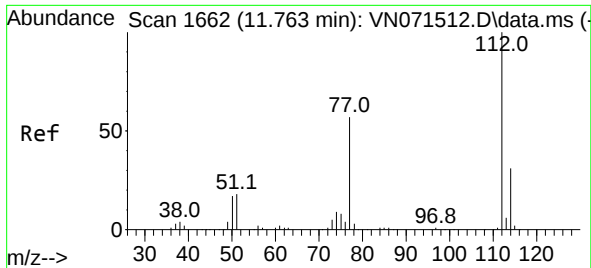
Tgt Ion: 91 Resp: 508010
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0



#63
Toluene-d8
Concen: 27.936 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 98 Resp: 565855
Ion Ratio Lower Upper
98 100
100 65.5 50.6 76.0

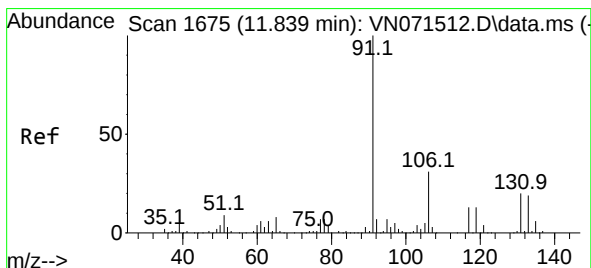
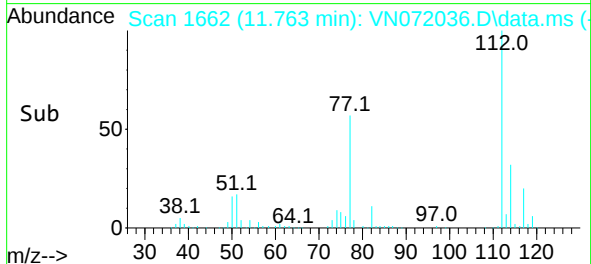
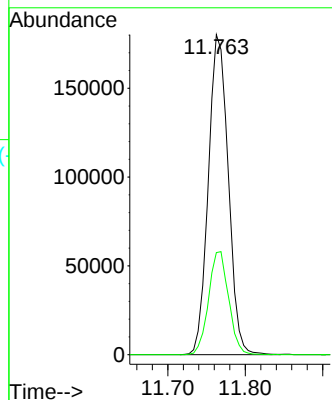
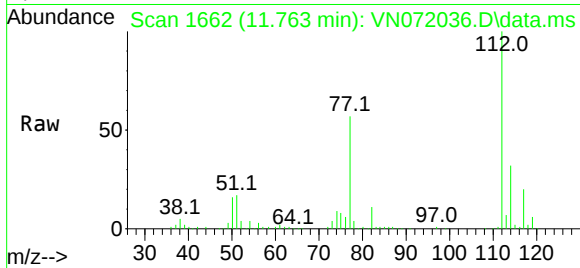




#64
Chlorobenzene
Concen: 19.315 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

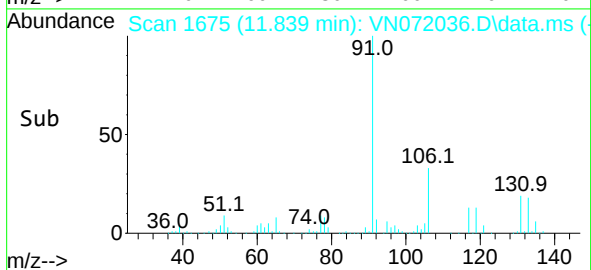
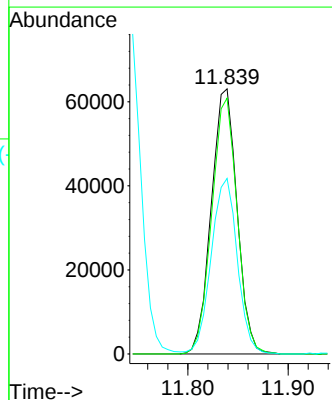
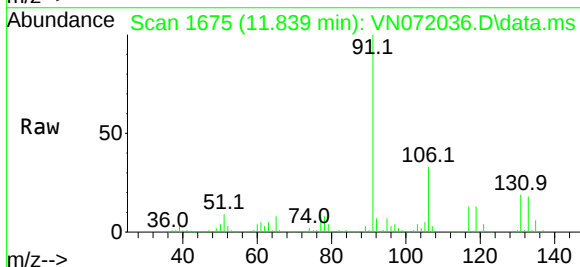
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

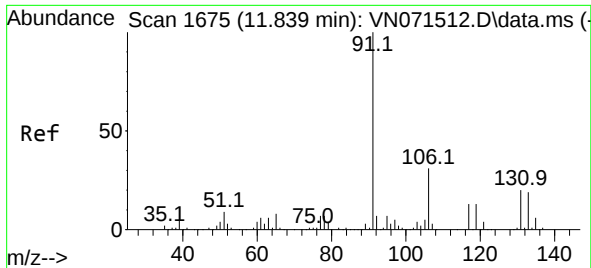
Tgt Ion:112 Resp: 322342
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 18.376 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion:131 Resp: 112507
Ion Ratio Lower Upper
131 100
133 95.2 0.0 191.2
119 67.2 0.0 128.8

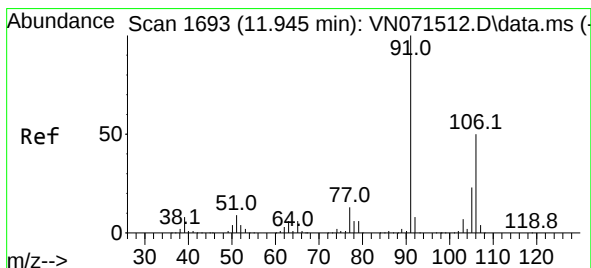
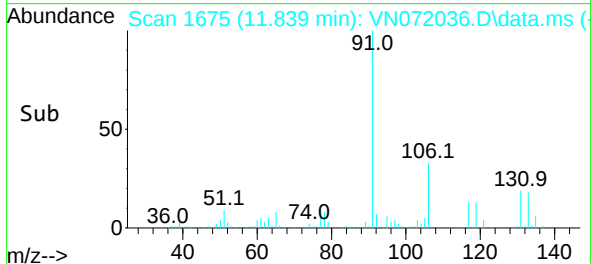
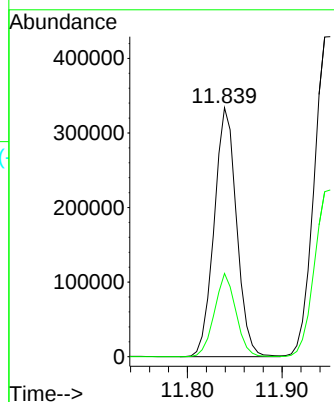
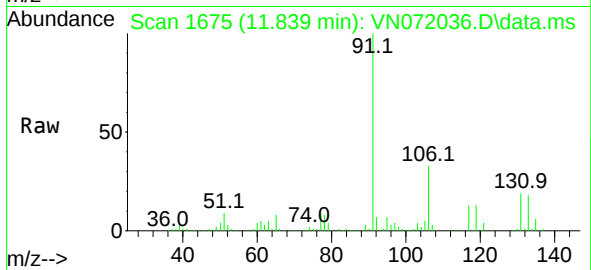




#66
Ethyl Benzene
Concen: 18.663 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

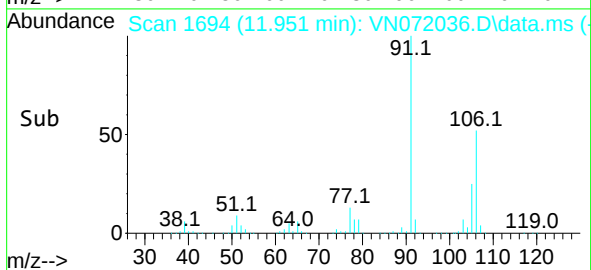
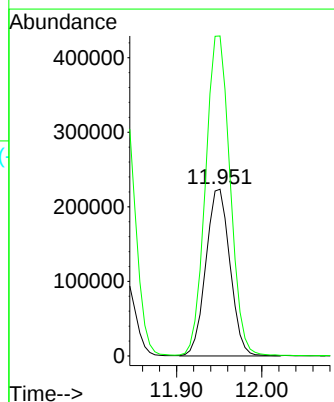
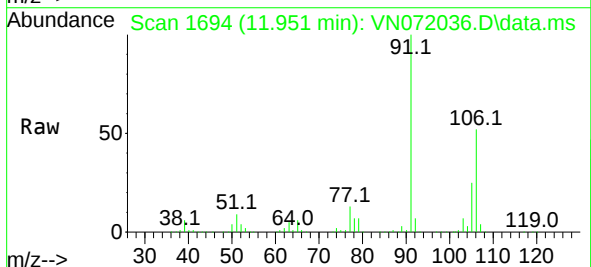
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

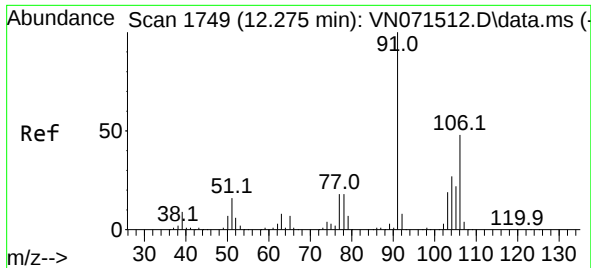
Tgt Ion: 91 Resp: 548743
Ion Ratio Lower Upper
91 100
106 33.4 24.0 36.0



#67
m/p-Xylenes
Concen: 38.568 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 106 Resp: 441150
Ion Ratio Lower Upper
106 100
91 195.4 162.9 244.3

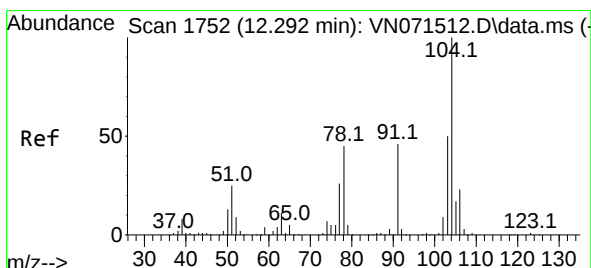
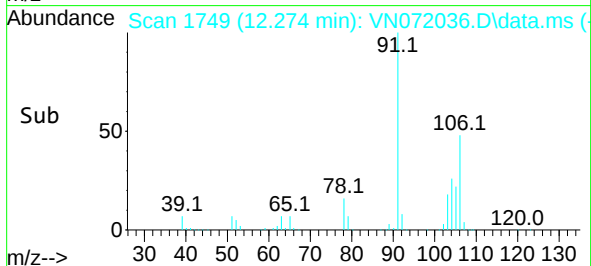
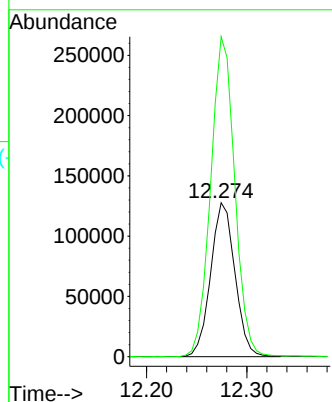
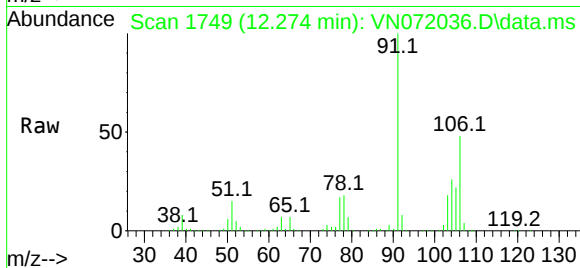




#68
o-Xylene
Concen: 18.856 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

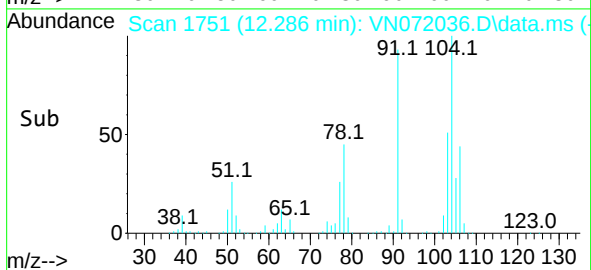
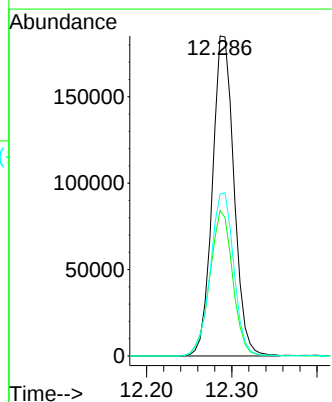
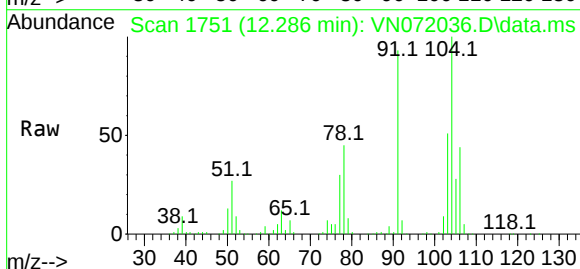
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

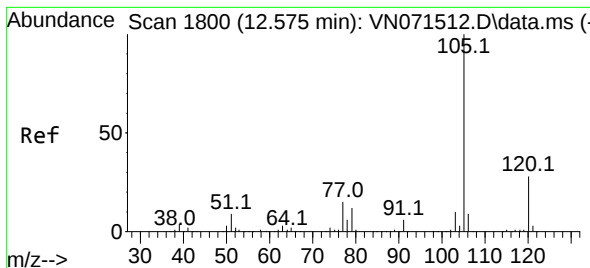
Tgt Ion:106 Resp: 214369
Ion Ratio Lower Upper
106 100
91 206.3 107.7 323.1



#69
Styrene
Concen: 18.241 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion:104 Resp: 326373
Ion Ratio Lower Upper
104 100
78 48.3 40.7 61.1
103 55.2 45.8 68.8





#70

Isopropylbenzene

Concen: 18.797 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

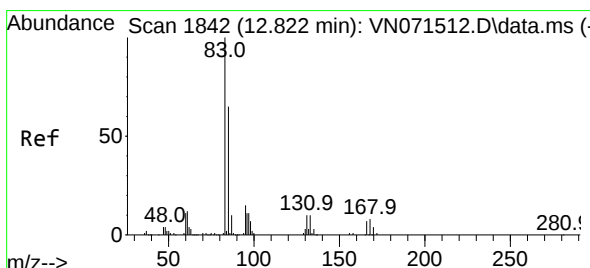
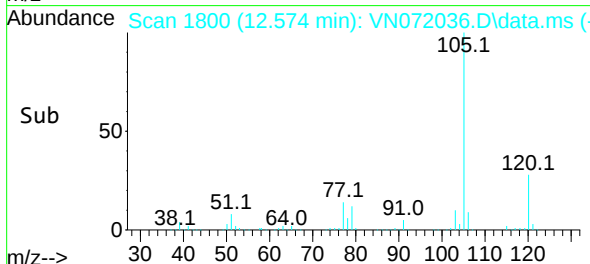
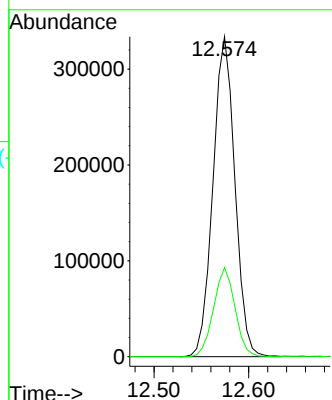
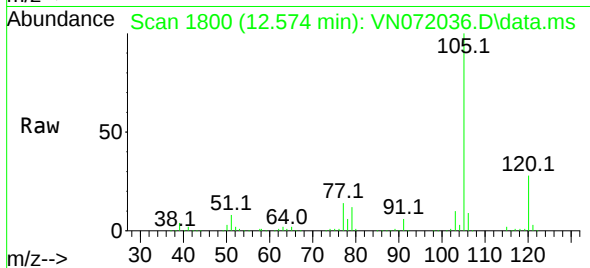
VSTDCCC020EC

Tgt Ion:105 Resp: 536371

Ion Ratio Lower Upper

105 100

120 27.2 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 16.947 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

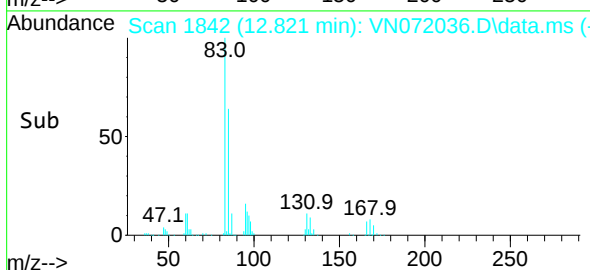
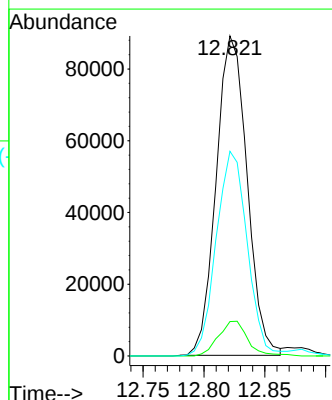
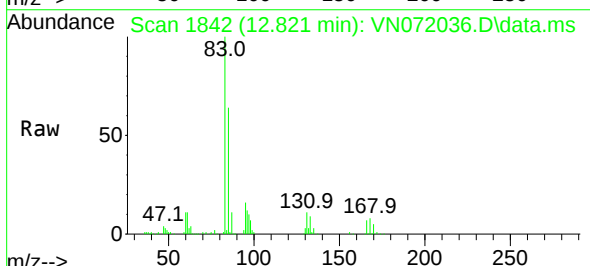
Tgt Ion: 83 Resp: 157384

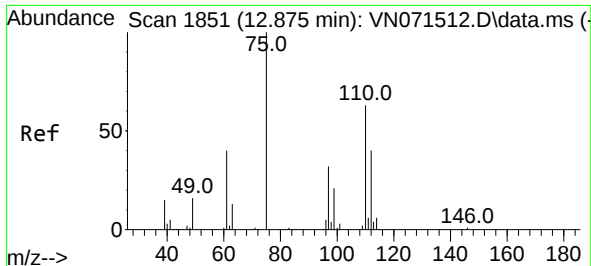
Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 64.2 33.1 99.2

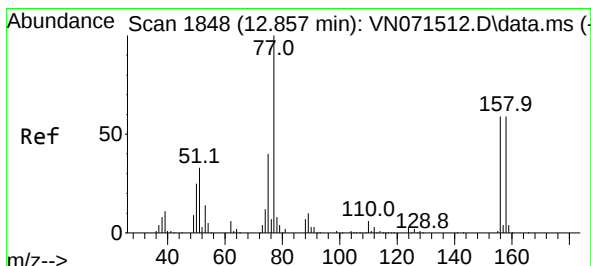
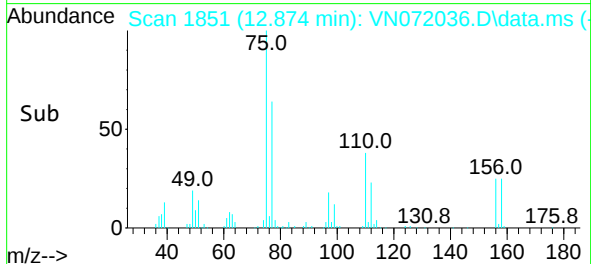
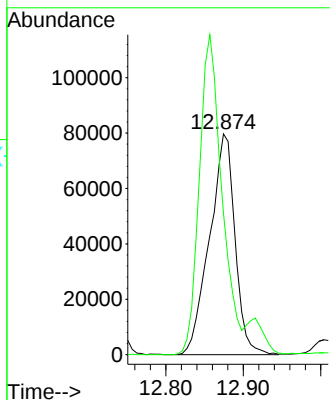
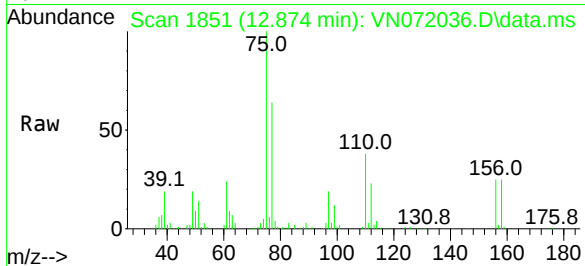




#72
1,2,3-Trichloropropane
Concen: 22.857 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

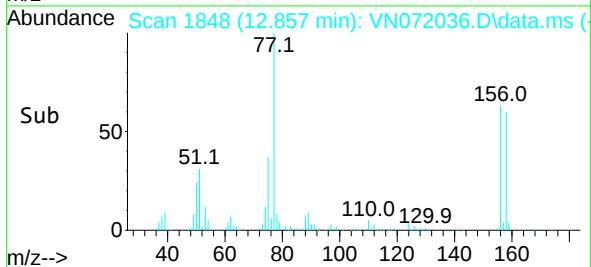
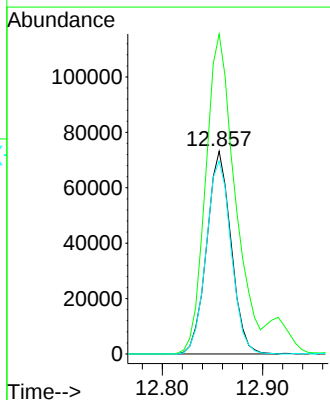
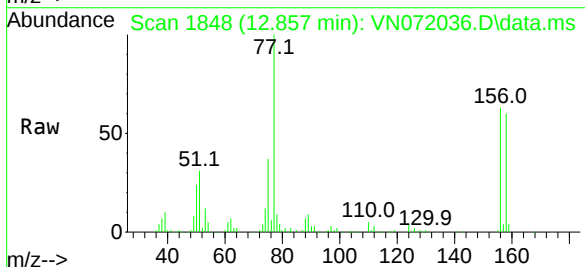
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

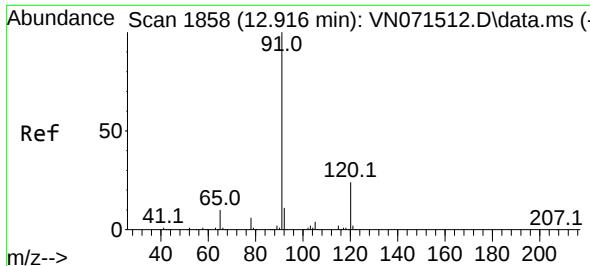
Tgt Ion: 75 Resp: 182363
Ion Ratio Lower Upper
75 100
77 128.1 0.0 378.0



#73
Bromobenzene
Concen: 17.776 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 156 Resp: 123740
Ion Ratio Lower Upper
156 100
77 188.8 0.0 416.0
158 97.3 0.0 195.4

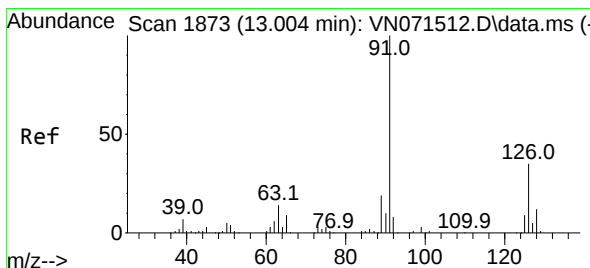
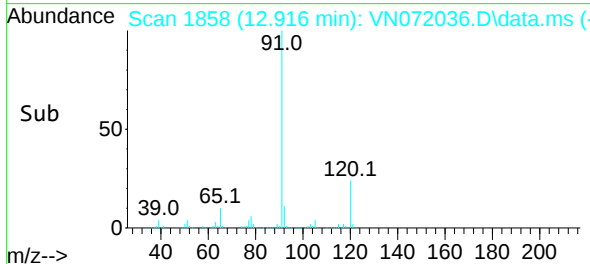
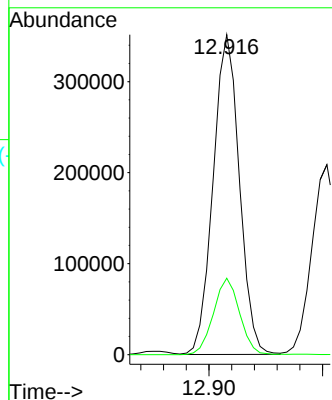
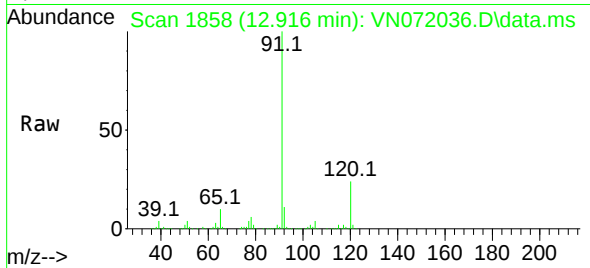




#74
n-propylbenzene
Concen: 18.105 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

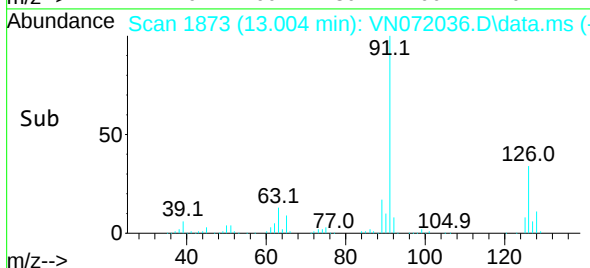
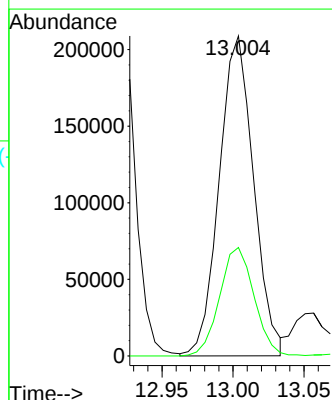
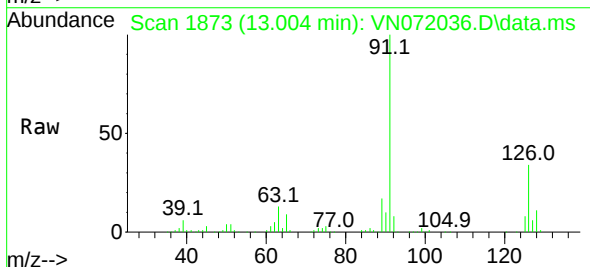
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

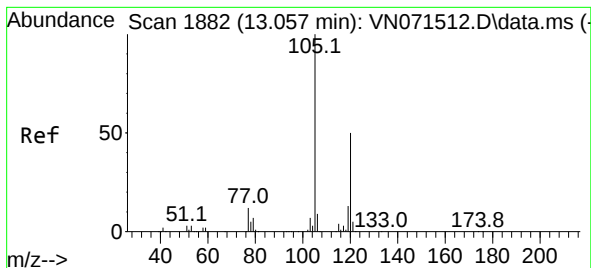
Tgt Ion: 91 Resp: 563833
Ion Ratio Lower Upper
91 100
120 23.7 0.0 45.0



#75
2-Chlorotoluene
Concen: 18.084 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 91 Resp: 351952
Ion Ratio Lower Upper
91 100
126 34.0 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 19.385 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

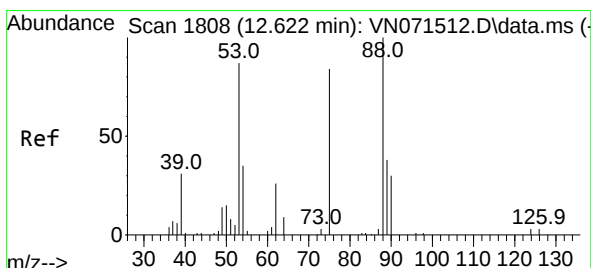
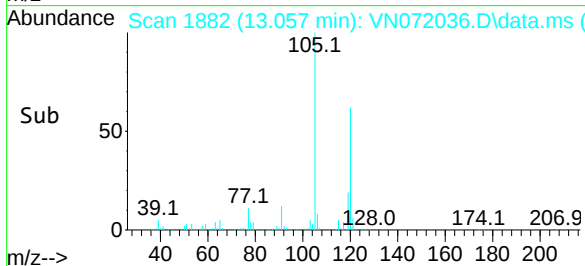
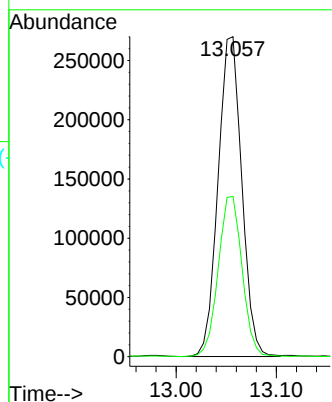
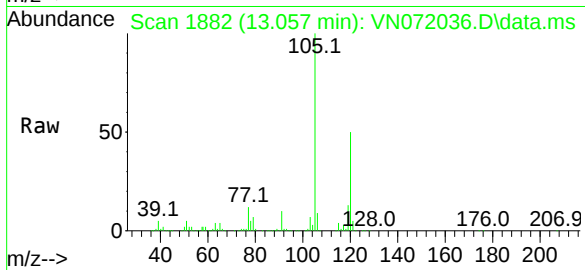
VSTDCCC020EC

Tgt Ion:105 Resp: 443761

Ion Ratio Lower Upper

105 100

120 50.3 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 14.734 ug/l

RT: 12.621 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

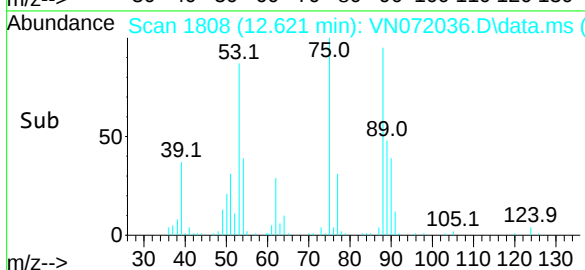
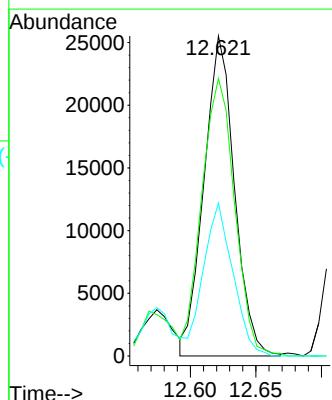
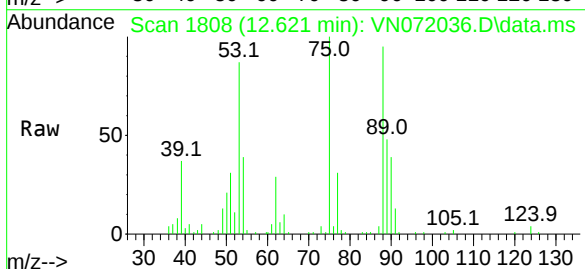
Tgt Ion: 75 Resp: 41276

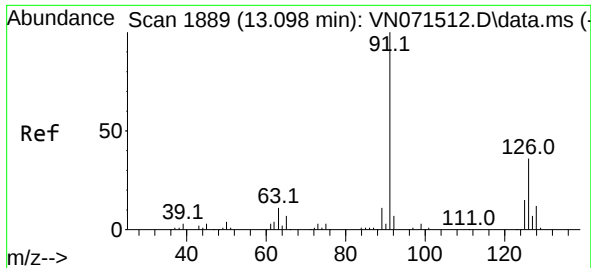
Ion Ratio Lower Upper

75 100

53 86.4 51.8 155.5

89 48.1 22.9 68.7

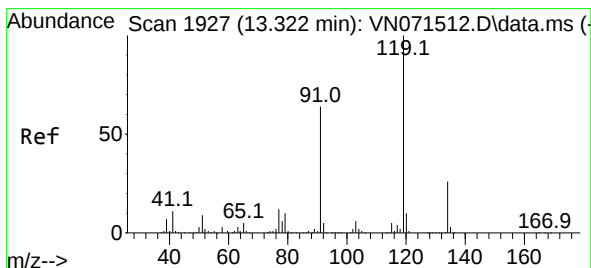
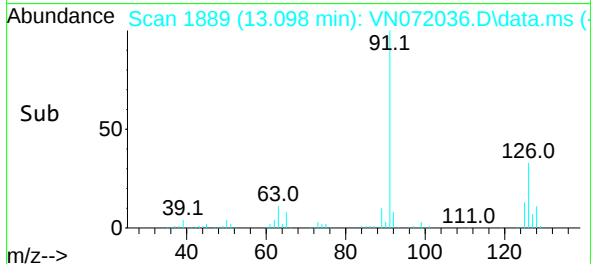
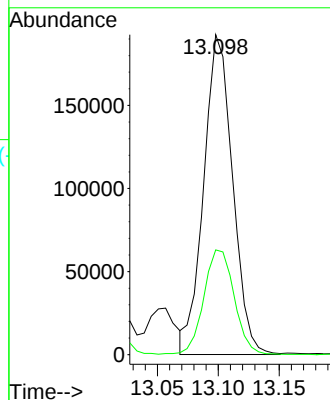
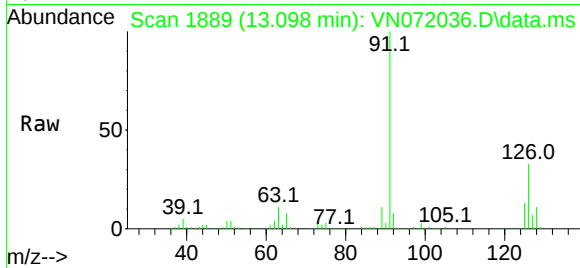




#78
4-Chlorotoluene
Concen: 17.527 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

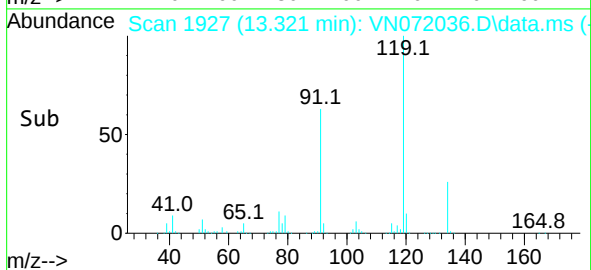
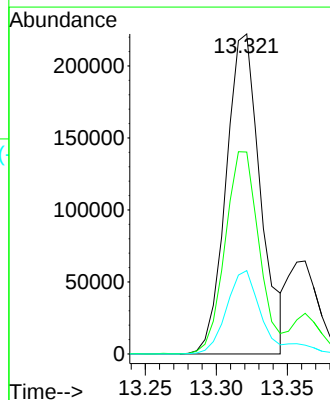
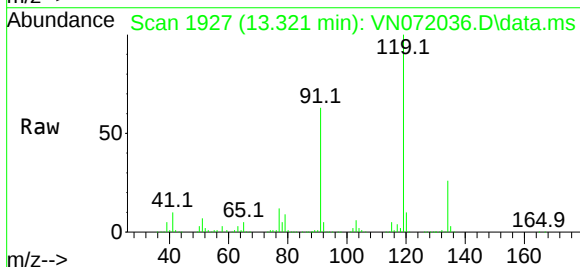
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

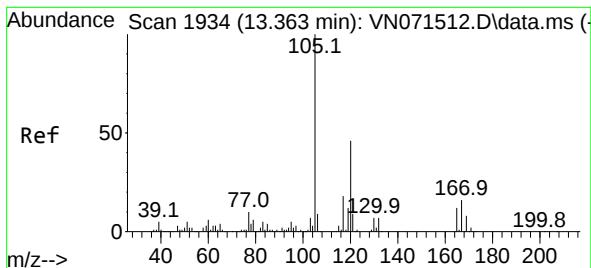
Tgt Ion: 91 Resp: 318568
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6



#79
tert-butylbenzene
Concen: 18.146 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 119 Resp: 374860
Ion Ratio Lower Upper
119 100
91 62.3 0.0 137.0
134 25.0 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 19.376 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072036.D

Acq: 18 Apr 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

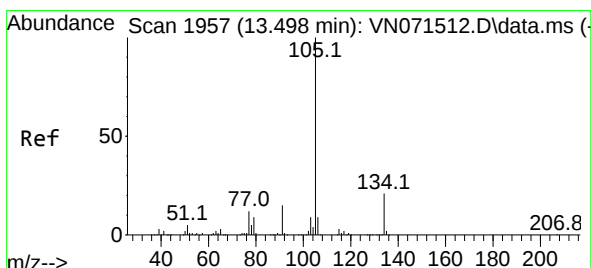
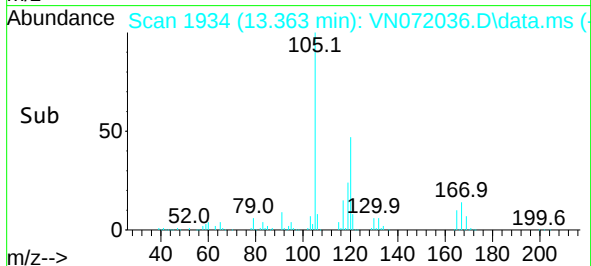
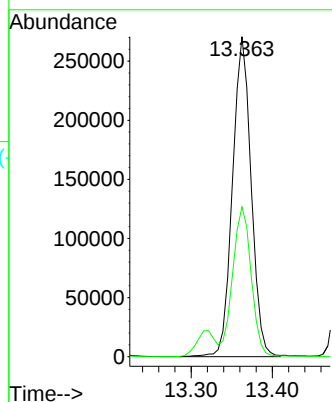
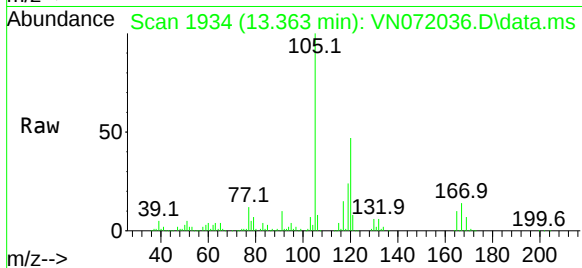
VSTDCCC020EC

Tgt Ion:105 Resp: 430382

Ion Ratio Lower Upper

105 100

120 46.2 0.0 0.2#



#81

sec-Butylbenzene

Concen: 18.021 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072036.D

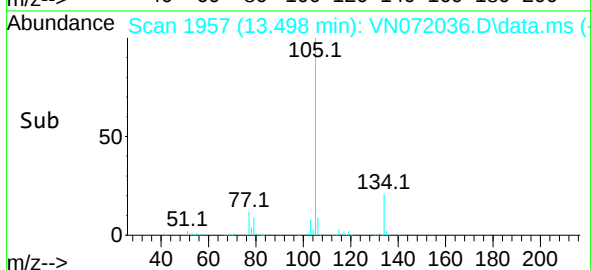
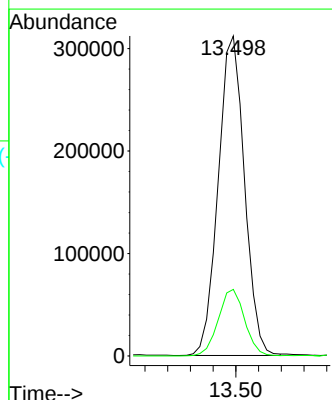
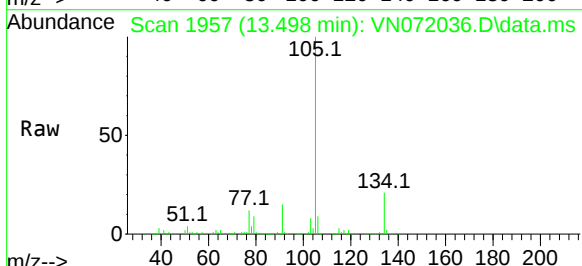
Acq: 18 Apr 2022 16:08

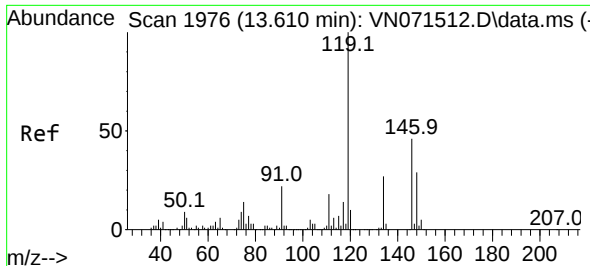
Tgt Ion:105 Resp: 500198

Ion Ratio Lower Upper

105 100

134 21.0 0.0 39.4

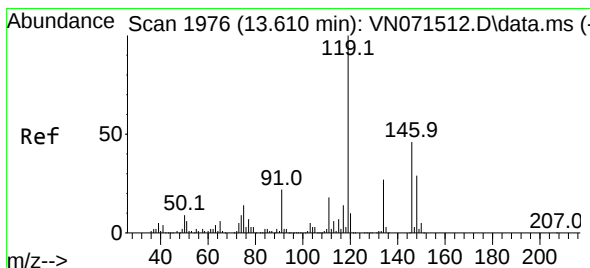
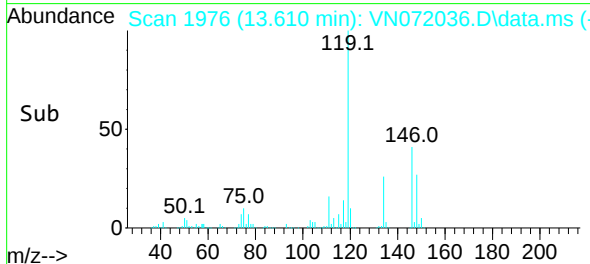
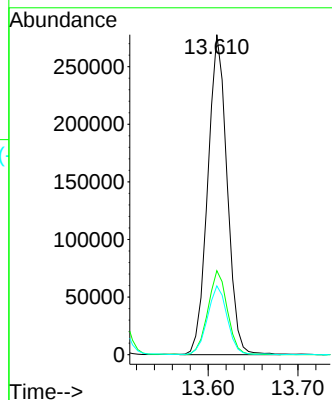
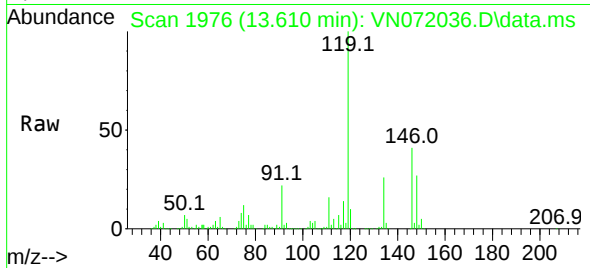




#82
p-Isopropyltoluene
Concen: 18.431 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

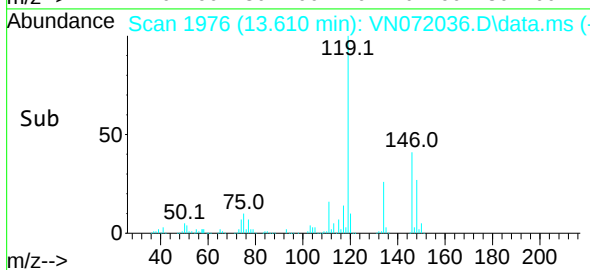
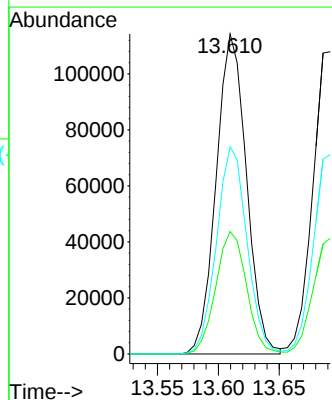
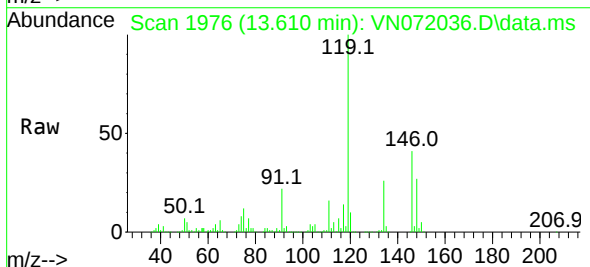
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

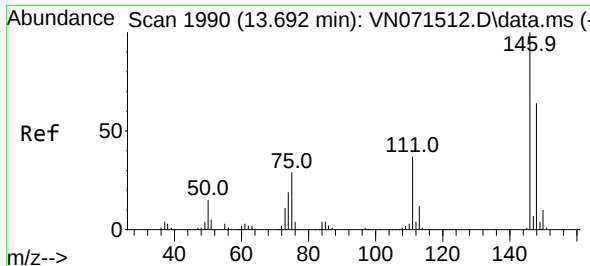
Tgt Ion:119 Resp: 415648
Ion Ratio Lower Upper
119 100
134 26.2 0.0 51.8
91 21.7 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 17.366 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion:146 Resp: 197811
Ion Ratio Lower Upper
146 100
111 38.9 20.8 62.2
148 65.2 31.4 94.3

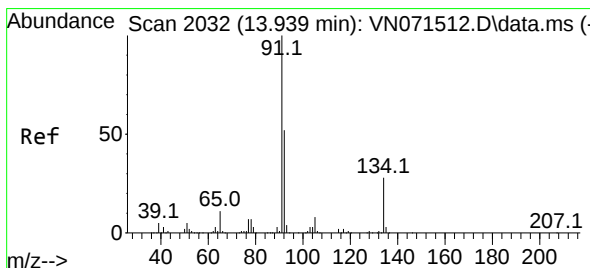
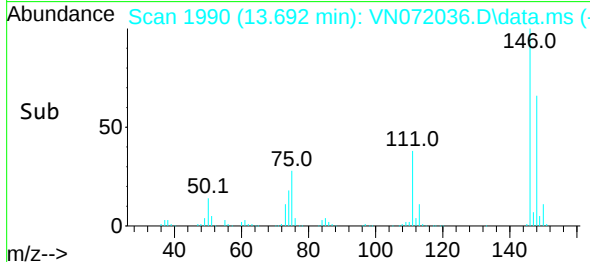
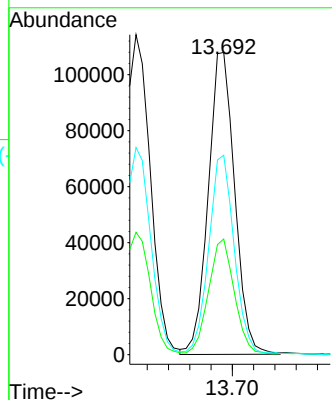
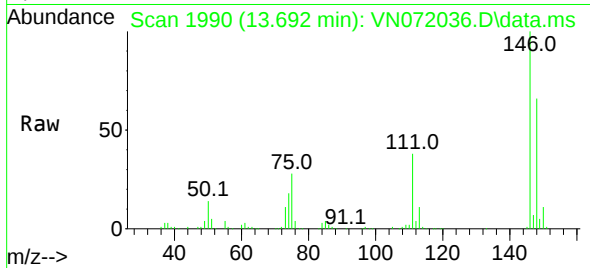




#84
1,4-Dichlorobenzene
Concen: 17.136 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

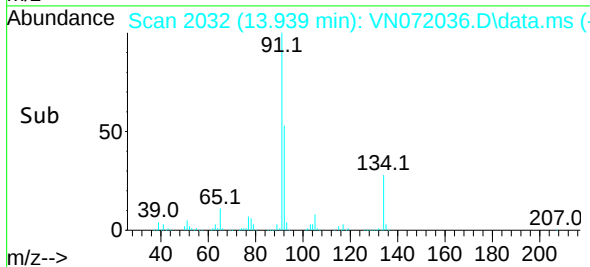
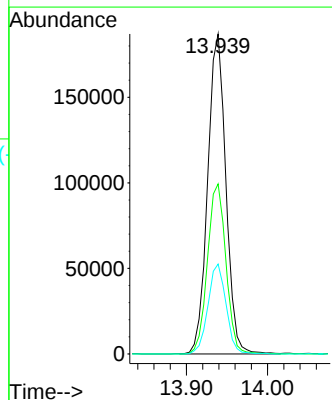
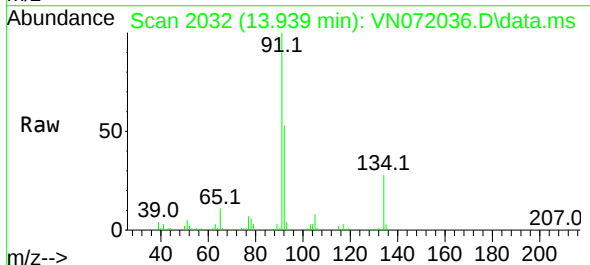
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

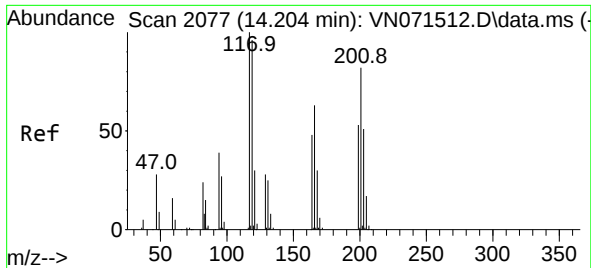
Tgt Ion:146 Resp: 186301
Ion Ratio Lower Upper
146 100
111 36.9 19.5 58.5
148 63.9 31.1 93.5



#85
n-Butylbenzene
Concen: 17.376 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion: 91 Resp: 291071
Ion Ratio Lower Upper
91 100
92 53.9 0.0 100.6
134 27.8 0.0 50.2

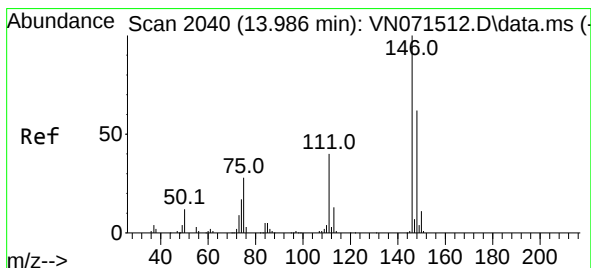
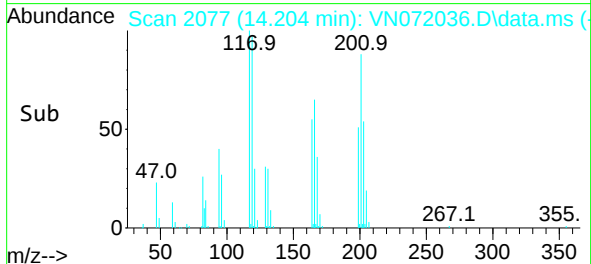
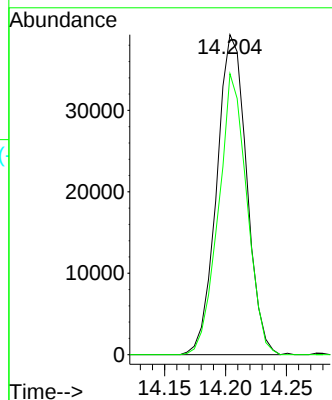
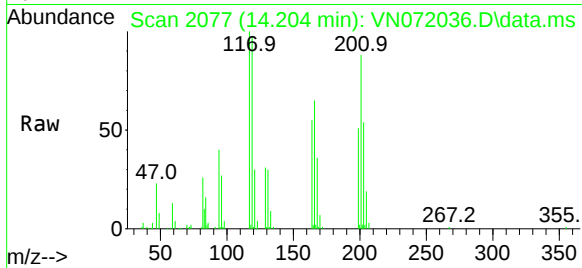




#86
Hexachloroethane
Concen: 15.944 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

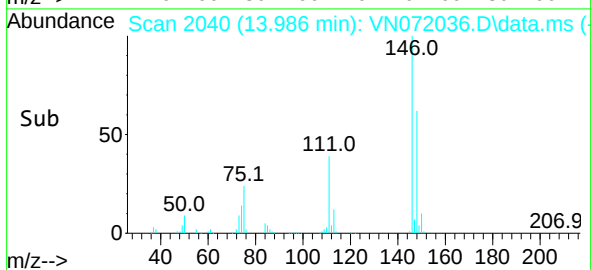
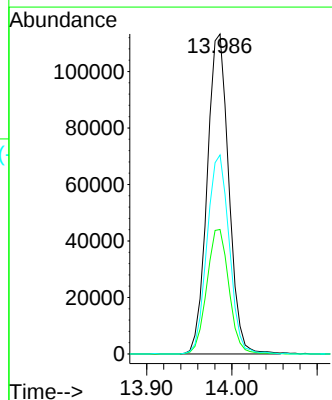
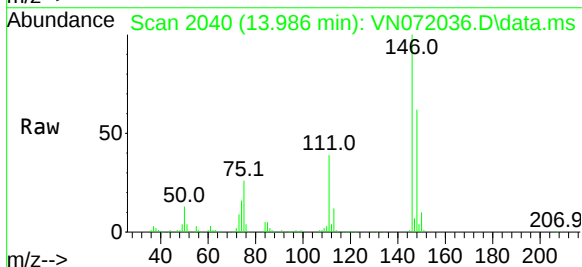
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

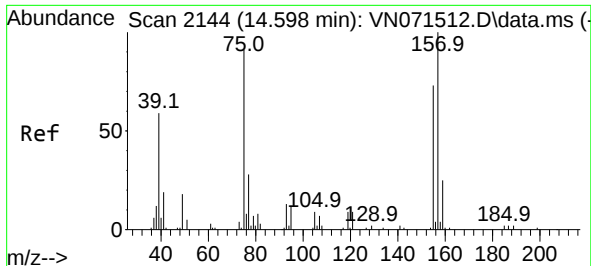
Tgt Ion:117 Resp: 67147
Ion Ratio Lower Upper
117 100
201 83.2 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 18.084 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion:146 Resp: 199147
Ion Ratio Lower Upper
146 100
111 39.8 21.4 64.2
148 63.9 32.5 97.4

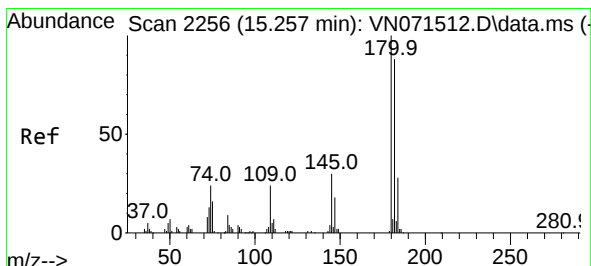
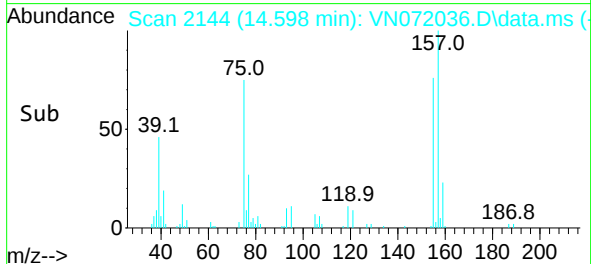
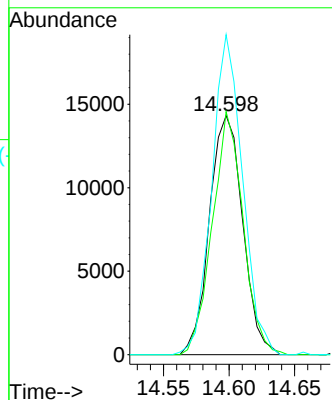
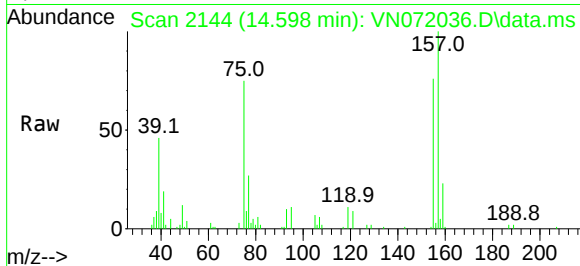




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.296 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN072036.D
 Acq: 18 Apr 2022 16:08

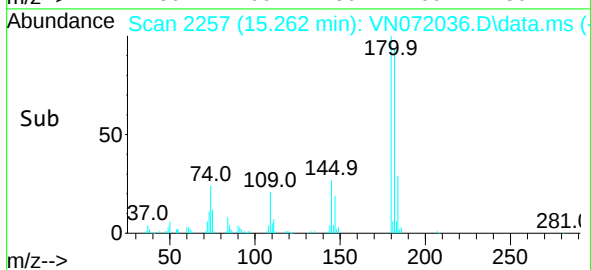
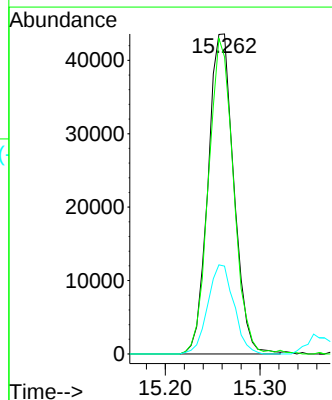
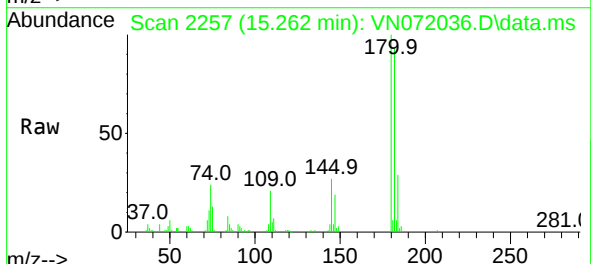
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

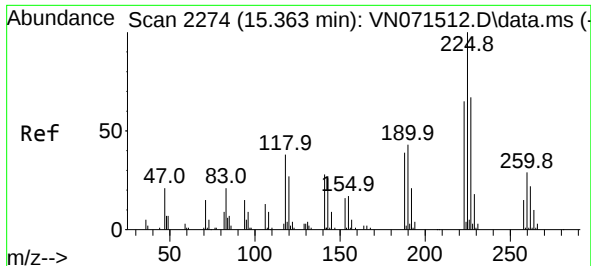
Tgt Ion: 75 Resp: 25275
 Ion Ratio Lower Upper
 75 100
 155 93.7 63.8 95.8
 157 123.9 77.9 116.9#



#89
 1,2,4-Trichlorobenzene
 Concen: 16.228 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VN072036.D
 Acq: 18 Apr 2022 16:08

Tgt Ion: 180 Resp: 82605
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.7 116.5
 145 28.2 26.6 39.8

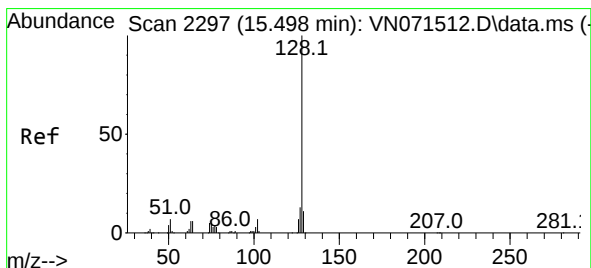
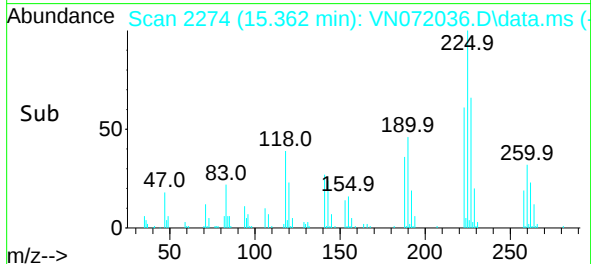
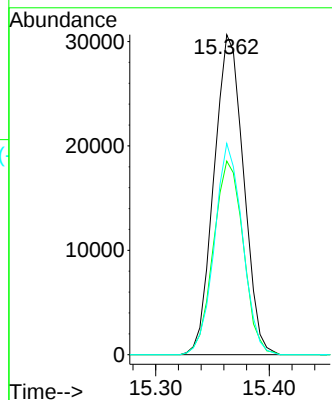
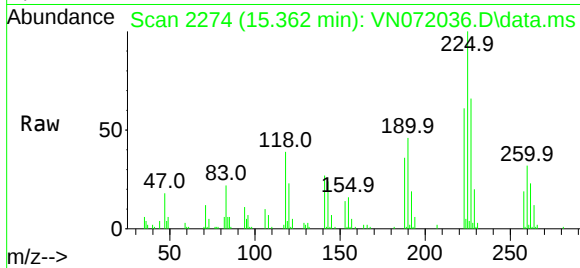




#90
Hexachlorobutadiene
Concen: 18.366 ug/l
RT: 15.362 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

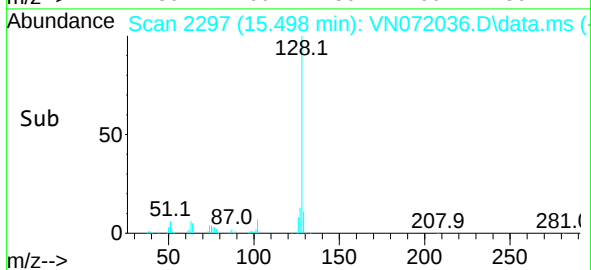
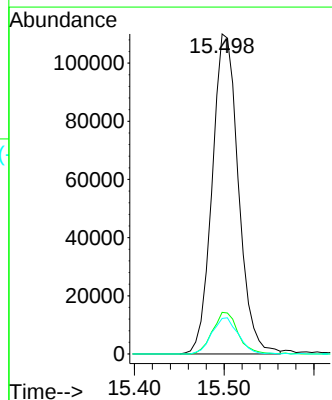
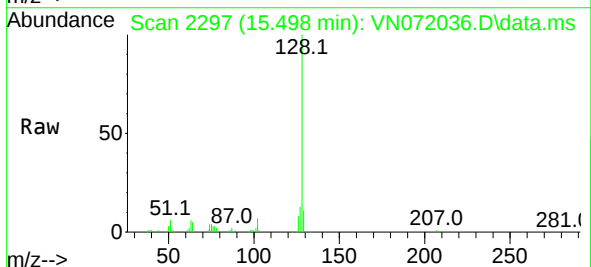
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

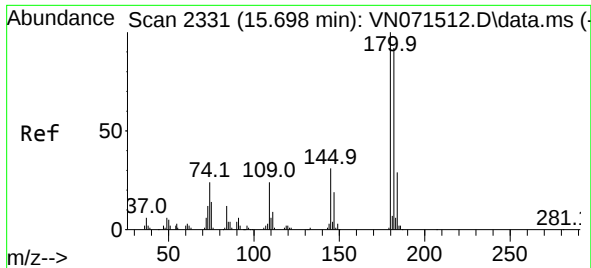
Tgt Ion:225 Resp: 55399
Ion Ratio Lower Upper
225 100
223 61.1 0.0 126.8
227 62.6 0.0 123.0



#91
Naphthalene
Concen: 18.275 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072036.D
Acq: 18 Apr 2022 16:08

Tgt Ion:128 Resp: 223445
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.2 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 17.242 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072036.D
 Acq: 18 Apr 2022 16:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	0.0	190.0
145	30.1	0.0	67.8

